

LAMPIRAN

Lampiran 1 Surat Keterangan Selesai KP



MULIA INDUSTRY GROUP

SURAT KETERANGAN

No. : 152/MI-HR-RECR/SK/MG/V/19

Yang bertandatangan dibawah ini :

Nama : Roslina Silvia
Jabatan : Recruitment & Man Power Placement

Nama : Rindi Antika
NIS : 160100694
Jurusan : Manajemen Logistik Industri Elektronika
Sekolah : Politeknik APP Jakarta

Benar telah melaksanakan Praktek Kerja Industri (Prakerin) dalam rangka program wajib kampus dengan penempatan di PT Muliakeramik Indahraya – Warehouse Finished Good Department dengan periode 08 Januari s.d 05 April 2019.

Selama periode tersebut, yang bersangkutan menunjukkan tingkat kehadiran, inisiatif, sikap dan kerjasama yang baik serta mampu mengaplikasikan ilmu&pengetahuan yang dimiliki dalam tugas dan tanggung jawab yang diberikan dengan hasil memuaskan.

Untuk itu atas nama PT Mulia Industrindo, Tbk., beserta perusahaan anak mengucapkan terima kasih atas partisipasinya. Semoga pengalaman ini berguna untuk pengembangan ilmu dan kualitas diri.

Cikarang, 16 Mei 2019

Hormat kami,



PT MULIA INDUSTRINDO, TBK.

Roslina Silvia

Recruitment & Man Power Placement

Lampiran 2 Surat Keterangan Penilaian KP



PT MULIAKERAMIK INDAH RAYA
Komplek Mulia Industri, Jl. Raya Tegal Gede,
Lemah Abang, Cikarang-Bekasi 17550

Yang bertanda tangan di bawah ini :

Nama : Andhi Prihatmiko
Jabatan : Manager WHFG Department
Nama Perusahaan : PT Muliakeramik Indahraya
Alamat Perusahaan : Komplek Mulia Industri, Jl. Raya Tegal Gede, Lemah Abang, Cikarang-Bekasi 17550

Menerangkan bahwa hasil evaluasi yang telah kami lakukan terhadap kinerja karyawan tersebut di bawah ini :

Nama : Rindi Antika
Bagian/Departemen : WHFG Department
Asal Perguruan Tinggi : Politeknik APP Jakarta
Program Studi : Manajemen Logistik Industri Elektronika

No.	Jenis Kemampuan	Tanggapan Pihak Pengguna *				Rencana Tindak Lanjut oleh Program Studi **
		Sangat Baik 80-100	Baik 68-79	Cukup 55-67	Kurang 46-54	
1	Integritas (etika dan moral)	80				
2	Keahlian berdasarkan bidang ilmu (Kompetensi utama)		75			
3	Bahasa Inggris		75			
4	Penggunaan Teknologi		75			
5	Komunikasi	80				
6	Kerjasama Tim		75			
7	Pengembangan Diri		75			
	TOTAL *	160	375			

Jakarta, 05 April 2019
PT MULIAKERAMIK INDAH RAYA

Capt. perusahaan
PT. MULIAKERAMIK INDAH RAYA

(Andhi Prihatmiko)

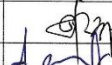
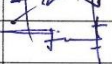


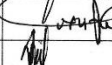
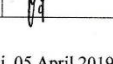
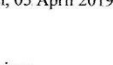

*) Harap diisi dengan angka

**) Diisi oleh pihak kampus

Lampiran 3 Lembar Bimbingan KP

KARTU BIMBINGAN KERJA PRAKTIK

Nama : Rindi Antika
 No. Mhs : 160100694
 Pembimbing Lapangan : Bapak Andhi Prihatmiko
 Tempat Kerja Praktik : PT Muliakeramik Indahraya – WHFG Department

NO	HARI/TGL	KEGIATAN	TTD PEMB. LAPANGAN
1	Jum'at, 11-01-2019	Pengoperasian SAP (Konfirmasi Barang Masuk dan Input pemberian line/storage bin)	
2	Kamis, 17-01-2019	Pengoperasian SAP (Menentukan pengambilan barang berdasarkan SPMB dan konfirmasi Transfer Order)	
3	Jum'at, 18-01-2019	Mempelajari alur proses gudang lokal (Penerimaan, pengecekan, stock map, pengeluaran barang)	
4	Kamis, 31-01-2019	Mempelajari alur proses gudang ekspor (Penerimaan, pengecekan, persiapan muat barang, muat barang)	
5	Kamis, 14-02-2019	Mempelajari proses shipment	
6	Senin, 18-02-2019	Mempelajari GI (Good Issue)	
7	Senin, 04-03-2019	Pengopersian SAP (Penerimaan DO Kembali)	
8	Selasa, 26-03-2019	Wawancara mengenai W01	

Bekasi, 05 April 2019

Mengetahui,
 Pembimbing Lapangan

Andhi Prihatmiko



Mahasiswa

Rindi Antika



Lampiran 4 Data In-Out Warehouse 01

NO	BRAND	MATERIAL	MATERIAL DESCRIPTION	JANUARI (2019)		FEBRUARI (2019)		JANUARI (2019)		FEBRUARI (2019)	
				IN (BOX)	DAYS IN	IN (BOX)	DAYS IN	OUT (BOX)	DAYS OUT	OUT (BOX)	DAYS OUT
1	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	442083	29	171127	20	338402	29	186640	24
2	SPECTRUM	SK-9A-003706SPPA99	SPECTRUM WHITE	241362	26	113553	16	200289	28	144534	23
3	SIGNATURE	SI-9G-JNIR35SG1A80	JANEIRO BEIGE	19857	2			21600	24	11680	17
4	SIGNATURE	SI-9G-NPBL75SG1A80	NEO PEBBLE STONE	21876	3	26366	4	49040	29	24720	22
5	SIGNATURE	SI-9G-ARLAI55SG1A80	ARALIA GREY	20730	3			14800	21	12640	17
6	SIGNATURE	SI-9G-VTRN55SG2A80	VICTORIAN BROWN	26778	4			21840	22	9360	16
7	SIGNATURE	SI-9G-ALPE15SG1A80	ALPENA GREY			28488	4				
8	SPECTRUM	SI-9B-ORIN15SP3A80	ORION GREY	89177	21	78938	19	92650	29	47999	22
9	SIGNATURE	SI-9G-JNIR15SG1A80	JANEIRO GREY	24344	4			14160	18	10506	18
10	SPECTRUM	SI-9B-ORIN35SP3A80	ORION BEIGE	62580	14	37328	8	63610	28	43440	20
11	SIGNATURE	SI-9G-NRGD35SG1A80	NEO RIOGRANDE BEIGE	17790	3			4640	5	12240	20
12	SIGNATURE	SI-9M-WLLW56SG1A80	WILLOW SILVER			12160	2	3040	11	3200	8
13	SIGNATURE	SI-9G-RVST54SG1A80	RIVERSTONE COFFEE			27022	5	18240	24	14240	21
14	SPECTRUM	SI-9B-ALPA15SP3A80	ALPHA GREY	21300	6	29120	5	34560	23	25920	17
15	SPECTRUM	SI-9B-MTPRI5SP1A80	MARTAPURA GREY	60353	21	87741	24	59110	23	61560	21
16	SIGNATURE	SI-9G-VTRN15SG2A80	VICTORIAN GREY	18655	4	26535	5	25280	21	9520	13
17	SIGNATURE	SPTM-LYRA55SG1A84	LYRA BROWN	11098	2			6804	15	5364	11
18	SIGNATURE	SPTL-PRDI45SG1A84	PARADISEA CREAM	5593	1			2772	6	2100	10
19	SIGNATURE	SPT7B-TIMB35SG2A84	TIMBER BEIGE	11162	2	6636	2	10872	9	5879	3
20	SIGNATURE	SPT7B-TIMB55SG2A84	TIMBER BROWN			5544	1				
21	SIGNATURE	SI-9G-NVRE15SG1A80	NAVARRA GREY			24751	6	26080	23	12000	19
22	SPECTRUM	SI-9B-ALPA35SP3A80	ALPHA BEIGE	15081	6	44139	10	26560	24	26960	18
23	SPECTRUM	SI-9B-MTPR35SP1A80	MARTAPURA BEIGE	42080	13	43322	15	36640	22	39120	21
24	SIGNATURE	SI-9G-NPBL32SG1A80	NEO PEBBLE SAND			19920	5	16159	23	8320	15
25	SIGNATURE	SI-9G-NRGDI5SG1A80	NEO RIOGRANDE GREY	19448	4	94	1	3760	4	15040	20
26	SIGNATURE	SPTM-ALTM75SG1A84	ALTIMA GREEN	11881	5	13188	3	11505	8	13524	8
27	SIGNATURE	SI-9G-ARLA55SG1A80	ARALIA BROWN	15460	4			15680	23	6320	16
28	SIGNATURE	SP-7G-URBN35SG1A96	URBAN BEIGE	9828	2			3456	9	7680	15
29	SPECTRUM	SI-9B-ADNS15SP3A80	ADONIS GREY	24600	8	26461	10	32000	22	24240	17
30	SIGNATURE	SI-9G-NVRE35SG1A80	NAVARRA BEIGE			20279	6	27200	23	12400	20
31	SPECTRUM	SI-9B-ADNS35SP3A80	ADONIS BEIGE	20160	7	37960	15	30320	22	39600	22
32	SIGNATURE	SPTM-ALTM65SG1A84	ALTIMA BLUE	19272	7	14351	4	23016	16	14112	10
33	SIGNATURE	SPTM-AZLA75SG1A84	AZALIA GREEN			11816	3	8988	18	5292	9
34	SIGNATURE	SPTM-DASY05SG1A84	DAISY BIANCO			11400	3	3441	10	7476	11
35	SIGNATURE	SP-7G-BRIL35SG1A96	BRILLO BEIGE	17414	4			7488	19	10656	17
36	SIGNATURE	SI-9G-CLDN35SG1A80	CALEDONIA BEIGE			13192	4	19680	22	7520	14
37	SIGNATURE	SP-7G-NMZC65SG1A96	NEO MOZAIKA BLUE			12678	3	11520	19	2352	3
38	SIGNATURE	SK VAB-AQLA35SG1A56	AQUILA BEIGE, 0.9M2/BOX	7611	3			1680	5	952	6

39	SPECTRUM	SI-9B-AVANI5SP2A80	AVIANO GREY			17680	5					480	1	
40	SPECTRUM	SI-9B-ATR15SP3A80	ANTARES GREY	320		22640	5	1520	2			9989	9	
41	SPECTRUM	SI-9B-BRN35SP1A80	JIMBARAN BEIGE	80		34285	15	3760	3			29120	15	
42	SPECTRUM	SI-9A-NCHC00SP3A80	NEO CHARCOAL BLACK	9290		29962	11	7760	6			22186	12	
43	SPECTRUM	SI-9B-ADNS75SP3A80	ADONIS GREEN	20758		17800	7	23200	22			21520	18	
44	SIGNATURE	SI-9G-CLDN15SG1A80	CALEDONIA GREY			19340	6	14000	22			6400	12	
45	SIGNATURE	SI-9B-ILSN35SG1A84	ILLUSION BEIGE			17024	7	8380	12			16631	3	
46	SIGNATURE	SI-9B-ILSN15SG1A84	ILLUSION GREY	10900		16548	6	753	5			16125	8	
47	SIGNATURE	SI-9B-PRDI36SG1A84	PARADISE ART BEIGE	19141				5880	14			3024	11	
48	SPECTRUM	SI-9B-BET35SP3A80	NEO BETHA BEIGE			9280			13			7040	13	
49	SIGNATURE	SI-9B-DMND35SG1A84	DIAMOND BEIGE			6636	2	11592	17			2852	9	
50	SPECTRUM	SI-9B-GLNG15SP1A80	GALUNGGUNG GREY			19872	7					10499	12	
51	SPECTRUM	SI-9B-ONTR55SP1A80	ONTARIO BROWN	16056				800	3			8261	15	
52	SIGNATURE	SI-9B-TIMB15SG2A84	TIMBER GREY	11916		3612	1	11340	8			4116	2	
53	SIGNATURE	SI-9B-BRIL15SG1A96	BRILO GREY	15488				4704	12			5086	16	
54	SIGNATURE	SI-9G-CAND35SG1A80	CANADIAN BEIGE	11982				3680	9			5840	11	
55	SIGNATURE	SI-9B-FNC35SG1A56	FRANCIS BEIGE, 0.9M2/BOX	1176		12933	6	2464	9			6469	11	
56	SIGNATURE	SI-9G-ALPE55SG1A80	ALPENA BROWN			3120	1					160	1	
57	SIGNATURE	SI-9B-VLNO35SG1A84	VALINO BEIGE			13752	5	10077	15			5880	11	
58	SPECTRUM	SI-9B-GLNG35SP1A80	GALUNGGUNG BEIGE			20066	9					9280	10	
59	SIGNATURE	SI-9B-AQLA15SG1A56	AQUILA GRIGO, 0.9M2/BOX	8969				1904	4			1008	5	
60	SIGNATURE	SI-9B-PLCE67SG1A84	PALACE DECO BLUE	5695				7389	18			4032	12	
61	SPECTRUM	SI-9B-PRME75SP1LC8	PRIMA BLUE			8751	3					7936	4	
62	SIGNATURE	SI-9B-PRME75SP1LC8	PRIMEIRO GREEN			13666	3					4122	15	
63	SIGNATURE	SI-9B-AZLA65SG1A84	AZALIA BLUE	8400		11412	4	9408	19			11256	15	
64	SIGNATURE	SI-9G-EDNA15SG1A80	EDNA GREY	2640				4800	12			2480	8	
65	SPECTRUM	SI-9B-AVTI35SP3A80	AVANTI BEIGE			21540	10	4476	12			15760	14	
66	SPECTRUM	SI-9G-CHRD35SP1A80	CHARADE BEIGE			8400	3	15600	17			4835	8	
67	SPECTRUM	SI-9B-AVAN35SP2A80	AVIANO BEIGE			5760	2							
68	SPECTRUM	SI-9G-RVST65SG1A80	GLOSSY WHITE	23869		20225	4	9984	11			12132	14	
69	SPECTRUM	SI-9B-ATR35SP3A80	RIVERSTONE MARINE	5760		21760	23	14480	18			14480	18	
70	SPECTRUM	SI-9B-HNSL35SP1A80	HANSEL BEIGE			23116	12	2800	4			5680	7	
71	SPECTRUM	SI-9B-BRN15SP1A80	JIMBARAN GREY	8560		19129	9	2550	4			3480	6	
72	SIGNATURE	SI-9B-VEGA35SG1A84	VEGA BEIGE	11600		22834	16	13920	15			17096	16	
73	SIGNATURE	SI-9B-AZLA06SG1A84	AZALIA BIANCO	12227		7392	10	5208	10			5208	15	
74	SIGNATURE	SI-9B-AZLA06SG1A84	AZALIA BIANCO	12227		13032	7	11790	14			12936	15	
75	SIGNATURE	SI-9B-AVTI15SP3A80	GLOSSY WHITE NW	5760		5457	2	1320	3			2161	8	
76	SPECTRUM	SI-9B-AVTI15SP3A80	AVANTI GREY			15918	9	1440	6			10800	11	
77	SPECTRUM	SI-9B-NRON75SP1LC8	NERON GREEN	14136		128	1	1536	3			9397	19	
78	SPECTRUM	SI-9B-PRME65SP1LC8	PRIMEIRO BLUE			12951	4					11034	16	
79	SIGNATURE	SI-9B-VLNO65SG1A84	VALINO BLUE	10793		336	2	12432	17			8904	14	
80	SIGNATURE	SI-9B-VLNO75SG1A84	VALINO GREEN			12861	6	2268	8			5544	8	
81	SIGNATURE	SI-9B-VLNO75SG1A84	GLOSSY WHITE	25072		8756	3	16080	12			3480	11	

82	SIGNATURE	SI-9R-NIRLI58G2A80	NEO JURAL GREY	3785	2	3016	1	320	2	320	2	320	2
83	SIGNATURE	SPI7M-VLNOI5SG1A84	VALINO GREY	6384	3	173	1	1092	1	5208	1	5208	6
84	SIGNATURE	SPI7M-PLCE37SG1A84	PALACE DECO BEIGE	6132	3			5960	17	4870	17	4870	14
85	SPECTRUM	SLP6B-PRME15SP1LC8	PRIMEIRO GREY			13710	4			5018		5018	15
86	SIGNATURE	SP-7G-BRILL65SG1A96	BRILLO BLUE	16018	7			3552	13	7392	13	7392	15
87	SIGNATURE	SPI7C-DMNDI5SG1A84	DIAMOND GREY	184	2	6384	2	12659	20	6407	20	6407	6
88	SIGNATURE	SI-9M-NHLW55SG1A80	NEO HOLYWOOD BROWN			9600	3	16960	22	13520	22	13520	21
89	SPECTRUM	SL-7G-CHRD65SPIA0	CHARADE BLUE	200	2	9809	3	10794	16	2066	16	2066	5
90	SIGNATURE	SPI7M-PLCE65SG2A84	PALACE BLUE	5712	3			4536	13	4536	13	4536	12
91	SPECTRUM	SLP6B-PRME35SP1LC8	PRIMEIRO BEIGE	10240	2	3650	3			11418		11418	17
92	SIGNATURE	SP-7G-URBN15SG1A96	URBAN GREY	2365	1	6187	3	4223	15	5856	15	5856	11
93	SPECTRUM	SLP6M-CLSA75SP1LC8	CELOSLIA GREEN	13890	5			6144	10	3968	10	3968	6
94	SIGNATURE	SPI7A-001902SG1A84	GLOSSY WHITE	8886	4	4863	5	10111	14	5183	14	5183	12
95	SPECTRUM	SL-7G-ONTR65SPIA0	ONTARIO BLUE	12029	6			11900	18	6698	18	6698	13
96	SPECTRUM	SLP6B-PRIM35SP1LC8	PRIMA BEIGE			9190	4			8448		8448	8
97	SPECTRUM	SI-9B-DANV35SP2A80	DANVER BEIGE	13422	8			967	6	5857	6	5857	14
98	SPECTRUM	SI-9B-DANV15SP2A80	DANVER GREY	12601	6	320	2	3386	16	6002	16	6002	10
99	SPECTRUM	SK-8A-003906SP3B99	PREMIUM WHITE	4554	8	4257	7			7821		7821	4
100	SPECTRUM	SI P6B-PRIM75SP1LC8	PRIMA GREEN			9144	4	4096	3	4096	3	4096	5
101	SIGNATURE	SKVAB-SPLD05SG1A56	SPLENDOR BLANCO, 0.9M2/BOX	4886	5			2744	4	1176	4	1176	5
102	SIGNATURE	SI-9R-NIRL58SG2A80	NEO JURAL MOCHA			5164	3	240	1	160	1	160	1
103	SPECTRUM	SL-7R-NRTH37SP2A0	NORTHIDGE 01 TAUPE	3853	2					689		689	2
104	SIGNATURE	SPI7M-PLCE35SG2A84	PALACE BEIGE	6089	4			3948	12	4788	12	4788	10
105	SIGNATURE	SPI7L-PRDI35SG1A84	PARADISEA BEIGE	3292	2			3692	11	1680	11	1680	8
106	SIGNATURE	SPI7L-UNVL16SG2A84	UNIVERSALE ART GREY			1512	1	4452	10				
107	SPECTRUM	SLP6M-IRIS85SP1LC8	IRIS PINK			9616	4			3911		3911	9
108	SIGNATURE	SPI7B-VEGA15SG1A84	VEGA GREY	5768	5			4955	5	588	5	588	3
109	SPECTRUM	SLP6M-CLSA85SP1LC8	CELOSLIA PINK	14595	6	3712	2	4960	8	1920	8	1920	7
110	SPECTRUM	SI P6B-NRON35SP1LC8	NERON BEIGE	5876	3	12825	6			5021		5021	13
111	SPECTRUM	SLP6B-NRON85SP1LC8	NERON PINK	13113	6			7040	10	3866	10	3866	13
112	SPECTRUM	SL-7G-ONTR75SP1A0	ONTARIO GREEN	6496	4			2500	11	5500	11	5500	9
113	SPECTRUM	SLP6M-IRIS65SP1LC8	IRIS BLUE	15459	9			7039	12	5960	12	5960	12
114	SPECTRUM	SLP6B-NRON15SP1LC8	NERON GREY	12925	7			13209	19	1181	19	1181	14
115	SPECTRUM	SLP6M-CLSA35SP1LC8	CELOSLIA BEIGE	867	5	9600	2	10100	11	384	11	384	3
116	SPECTRUM	SLP6B-NRON65SP1LC8	IRIS GREEN			7159	4	4096	8	4352	8	4352	10
117	SPECTRUM	SLP6B-NRON65SP1LC8	NERON BLUE	844	5	14989	6	10008	18	7197	18	7197	15
118	SIGNATURE	SKVAA-001902SG2A56	GLOSSY WHITE, 0.9M2/BOX	5449	11	940	3	3360	6	1624	6	1624	8
119	SPECTRUM	SK-8B-NSNDI5SP3A99	NEO SANDER GREY	7590	10	99	1	7425	9	3264	9	3264	5
120	SPECTRUM	SK-8R-BSL165SPPA99	BASALT BLUE			495	2	1287	1				
121	SIGNATURE	SK-9R-SD8735SG1A99	SANDSTONE BEIGE	2903	4			2970	8	2673	8	2673	4
122	SPECTRUM	SLP6M-CLSA65SP1LC8	CELOSLIA BLUE	8285	8			8064	14	512	14	512	2
123	SIGNATURE	SP-7R-CL518SG2A96	CELESTE DARK GREY	1944	1	99	1	288	2	192	2	192	1
124	SIGNATURE	SKVAB-GLNA55SG1A56	GALENA BROWN, 0.9M2/BOX	1748	5			3136	12	1512	12	1512	4

125	SPECTRUM	SK-8B-ML-GAI15SPPA99	MALAGA GREY	396		1	3828	9								792	1		
126	SIGNATURE	SKVAB-GLNA548G1A56	GALENA LIGHT BROWN, 0.9M2/BOX	1008		4										3920	11	504	1
127	SPECTRUM	SK-8B-ML-GAI35SPPA99	MALAGA BEIGE				5313	8								198	1	792	1
128	SIGNATURE	SP7C-DMND168G1A84	DIAMOND ART GREY	1260		2	420	2								5441	15	672	3
129	SIGNATURE	SL-6A-001941SG2AC0	PASTEL BISCUIT	5880		6	648	3								579	3		
130	SPECTRUM	SLP6B-PRMI15SP1LC8	PRIMA PINK	156		1										9344	8	768	2
131	SIGNATURE	SI-9R-ARKNI75G2A80	ARKANSAS STONE													1120	4	3904	3
132	SIGNATURE	SK-8R-BRST068G2A99	BRISTOL WHITE															1748	2
133	SIGNATURE	SI-9G-NLGS158G1A80	NEO LAGOS GREY													8480	16	14720	17
134	SIGNATURE	SI-9G-NRTW568G1A80	NORTH WOOD TOBACCO													12880	19	10480	14
135	SIGNATURE	SI-9A-001902SG2A80	GLOSSY WHITE															1280	2
136	SPECTRUM	SI-9B-BETA15SPPA80	NEO BETHA GREY				38	2								5520	10	5520	10
137	SIGNATURE	SI-9R-SIDT358G1A80	SANDSTONE BEIGE													13600	17	2320	8
138	SIGNATURE	SI-9R-STLY358G1A80	STANLEY BEIGE													7750	11	1360	4
139	SIGNATURE	SI-9R-ARBC188G1A80	ARABESCO STONE													2640	6	2400	4
140	SPECTRUM	SI-7G-CHRD758P1AA0	CHARADE GREEN	100		1										8800	14	4280	10
141	SIGNATURE	SP7C-DMND368G1A84	DIAMOND ART BEIGE	115		1	375	3								4539	9	252	3
142	SIGNATURE	SP7B-LAVD058G2A84	LAVANDA BIANCO				84	1								7033	14	3276	8
143	SIGNATURE	SP7M-LYR.A578G1A84	LYRA DECO BROWN	84		1										8648	16	2265	7
144	SIGNATURE	SI-9M-NDWD558G1A80	NEO DREAMWOOD BROWN			1										5120	11	6880	12
145	SPECTRUM	SI-7G-CHRD158P1AA0	CHARADE GREY	9												6500	12	3300	8
146	SIGNATURE	SI-9G-EDNA568G1A80	EDNA TERRACOTA													2560	10	4720	8
147	SIGNATURE	SI-9R-GSTNI158G1A80	GEOSTONE GRIGIO													800	1	160	1
148	SIGNATURE	SI-9G-NLGS358G1A80	NEO LAGOS BEIGE															6400	14
149	SPECTRUM	SL-7R-RIDV45P2AA0	RIDGEVIEW CREAM				70	1								1375	3		
150	SIGNATURE	SI-9G-RYST388G1A80	RIVERSTONE GOLD													4801	11	3360	8
151	SIGNATURE	SI-9R-SIDY358G1A80	SIDLEY BEIGE													1440	6	5520	11
152	SIGNATURE	SI-9R-STLY158G1A80	STANLEY GRIGIO													7450	14	3756	11
153	SIGNATURE	SPTAB-TRST358G1A72	TRIESTE BEIGE													288	1	864	2
154	SIGNATURE	SI-9M-AGWD558G1A80	ANGELWOOD BROWN													1600	7	4800	10
155	SIGNATURE	SI-9R-ARBC388G1A80	ARABESCO MOCHA													3440	7	1440	6
156	SIGNATURE	SKVAM-DNSE358G1A56	DAMISE BEIGE, 0.9M2/BOX													56	1	728	2
157	SPECTRUM	SLP6M-IRIS35SP2LC8	IRIS BEIGE													8960	13	4224	8
158	SIGNATURE	SI-9R-SIDY158G1A80	SIDLEY GREY													800	3	3280	9
159	SIGNATURE	SK-8G-ABDN158G1A99	ABERDEEN GREY													990	3		
160	SIGNATURE	SKVAB-ABST358G1A56	ALABASTRO BEIGE, 0.9M2/BOX													896	4		
161	SIGNATURE	SK-8G-BACNI158G1A99	BALCON GRIGIO													1287	4		
162	SIGNATURE	SK-8R-CLES198G2A99	CELESTE DARK GREY													4543	13	1681	4
163	SIGNATURE	SI-9R-EVRS338G1A80	EVEREST SAND													4557	15	2800	9
164	SIGNATURE	SI-9R-EVRS348G1A80	EVEREST TAUPE													2720	10	3279	12
165	SIGNATURE	SI-9A-001945SG2A80	GLOSSY CREAM													240	1	560	2
166	SIGNATURE	SPTAM-LVNZ288G1A72	LIVENZA DECO GIALLO													360	1	144	1
167	SIGNATURE	SPTAM-LVNZ178G1A72	LIVENZA DECO GRIGIO													288	2	504	1

168	SIGNATURE	SK-8R-NB2088SG1A99	NEO BRISTOL WHITE					2475	8	1287	3	
169	SIGNATURE	SK-8R-NCL515SG1A99	NEO CELESTE GREY					1980	5	1980	6	
170	SIGNATURE	SK-8G-ORT1055SG1A99	ORTEGA BROWN					3069	9			
171	SIGNATURE	SPT7L-UNVL36SG2A84	UNIVERSALE ART BEIGE					4115	12	1680	7	
172	SIGNATURE	SI-9M-AWLLW568G1A80	WILLOW MOCHA					1920	10	2720	8	
173	SIGNATURE	SK-8G-BACN475G1A99	BALCON NATURA					1980	7			
174	SIGNATURE	SI-9M-BLSA47SG1A80	BALSA NATURA					160	2	1360	5	
175	SIGNATURE	SI-9C-CL1A378G2A80	BRECCIA GREY							560	3	
176	SIGNATURE	SI-9C-CL1A378G2A80	CALACATTA GOLD							1120	5	
177	SPECTRUM	SLP6M-CSNT358P11C8	CRISANTA BEIGE					768	2	128	1	
178	SIGNATURE	SI-9R-EVRS-08G1A80	EVEREST NERO					2400	8	1895	10	
179	SIGNATURE	SPT7L-KNCN778G1A84	KENCANA ART VERDE					420	3	1177	5	
180	SIGNATURE	SK-8R-MARC198G1A99	MARECCHIA DARK GREY					2277	7	99	1	
181	SIGNATURE	SK-8A-001300SG2A99	MATTE BLACK					198	2	891	3	
182	SIGNATURE	SK-8A-001302SG1A99	MATTE WHITE					856	4	911	4	
183	SPECTRUM	SLP6M-MDR1658P11C8	MIDORI BLUE					1152	5	768	2	
184	SPECTRUM	SLP6M-MDR1758P11C8	MIDORI GREEN					1408	4	256	1	
185	SIGNATURE	SK-8G-ORT1055SG1A99	ORTEGA BEIGE					2376	9	297	1	
186	SIGNATURE	SK-8R-SDS136SG1A99	SANDSTONE BEIGE - NW					495	2			
187	SIGNATURE	SPT7AM-TRST178G1A72	TRIESTE DECO GREY					360	2			
188	SIGNATURE	SK-8G-WNPG158G2A99	WINNIPEG GREY					1485	5	198	2	
189	SIGNATURE	SK-8G-ABDN538G2A99	ABERDEEN BROWN					693	4	198	1	
190	SIGNATURE	SK-8R-ASHM402SG1A99	ASHEN MATTE WHITE							198	1	
191	SIGNATURE	SI-9B-BRF346SG2A80	BRECCIA CREAM							560	4	
192	SIGNATURE	SKVAB-CAL546SG1A56	CALLISTO CREMA, 0,9M2/BOX							56	1	
193	SIGNATURE	SI-9M-CSTO558G1A80	CASETTO BROWN					112	1	240	1	
194	SIGNATURE	SI-9M-CDAR55SG1A80	CEDARIA BROWN					560	4	240	1	
195	SIGNATURE	SI-9M-CDAR15SG1A80	CEDARIA GREY					80	1	400	3	
196	SIGNATURE	SKVAB-CRST358G1A56	CRISTALYN BEIGE, 0,9M2/BOX					460	2	400	4	
197	SIGNATURE	SK-8R-EVRS008G1A99	EVEREST NERO							112	1	
198	SIGNATURE	SP-7G-FSTV64SG1A96	FESTIVAL SKYBLUE					1089	5	258	2	
199	SIGNATURE	SPT7L-KNCN678G1A84	KENCANA ART VIOLA					1344	7	96	1	
200	SPECTRUM	SLP6M-MDR1358P11C8	MIDORI BEIGE					84	1	421	4	
201	SIGNATURE	SI-6A-0019658G2A80	PASTEL BLUE							513	3	
202	SIGNATURE	SR-8R-RIDV398G1A99	RIDGEVIEW '03 LIGHT GOLD - NW					1200	6	810	3	
203	SPECTRUM	SK-8B-MLGA758PFA99	MALAGA GREEN					396	3	415	4	
204	SPECTRUM	SLP6M-MDR1858P11C8	MIDORI PINK					99	1			
205	SIGNATURE	SPT7M-SF1A658G1199	SAPHA BLEND AZZURO					128	1			
206	SIGNATURE	SPT7A-0013038G1A84	MATTE WHITE					99	1			
JUMLAH								1805363	1499813	1971174	1560396	



Lampiran 5 Data Stock on Hand dan Lokasi Penyimpanan

Material Description/Material/Storage Bin	Pallet	Material Description/Material/Storage Bin	Pallet	Material Description/Material/Storage Bin	Pallet	Material Description/Material/Storage Bin	Pallet
ABERDEEN BROWN	3	ALPHA BEIGE	127	ARALIA GREY	98	BALCON NATURA	122
SK-8G-ABDN55SG2A99	3	SI-9B-ALPA35SP3A80	6	SI-9G-ARLA15SG1A80	98	SK-8G-BACN47SG1A99	104
A188	3	A117	1	B062	24	A155	5
ABERDEEN GREY	17	A131	5	B084	32	E002	2
SK-8G-ABDN15SG1A99	17	SI-9B-ALPA35SPPA80	121	B124	28	E067	33
A156	17	A132	19	E088	14	E078	32
ABONIS BEIGE	13	A133	28	ARKANSAS STONE	151	E085	32
SI-9B-ADNS35SPPA80	13	A136	24	SI-9R-ARKN17SG2A80	151	SK-8G-BACN47SG2A99	18
A086	1	A138	1	B154	32	E044	2
A092	2	A144	22	B162	28	E055	16
A101	6	A145	27	B164	29	BALSA NATURA	45
A103	4	ALPHA GREY	302	B186	28	SI-9M-BLSA47SG1A80	45
ADONIS GREEN	232	SI-9B-ALPA15SP3A80	21	B190	28	D082	25
SI-9B-ADNS75SP3A80	33	A122	21	E014	1	D083	20
A120	5	SI-9B-ALPA15SPPA80	281	E025	3	BASALT BLUE	3
A128	26	A012	28	E028	1	SK-8R-BSLT65SPPA99	3
A129	2	A022	15	E054	3	F164	3
SI-9B-ADNS75SPPA80	199	A033	28	ASHEN MATTE WHITE	9	BRECCIA CREAM	59
A014	26	A034	4	SK-8R-ASHM02SG1A99	8	SI-9B-BREC46SG2A80	59
A017	3	A038	1	A192	8	D126	18
A018	28	A039	10	SK-8R-ASHM02SG2A99	91	D127	2
A049	28	A042	28	A150	21	D136	4
A050	28	A045	29	A155	14	D142	15
A077	18	A058	27	A159	17	D145	1
A114	31	A061	28	A168	21	D148	8
A128	2	A062	5	A170	18	D149	11
A130	9	A068	1	AVANTI BEIGE	8	BRECCIA GREY	12
A137	20	A112	27	SI-9B-AVT135SP3A80	25	SI-9B-BREC16SG2A80	12
A144	6	A113	28	D193	25	D132	2
ADONIS GREY	138	A138	22	SI-9B-AVT135SPPA80	61	D136	4
SI-9B-ADNS15SP3A80	14	ANGEL WOOD BROWN	127	D046	16	D142	6
A118	14	SI-9M-AGWD65SG1A80	22	D113	3	BRILLO BEIGE	142
SI-9B-ADNS15SPPA80	124	B086	14	D158	13	SP-7G-BRIL35SG1A96	123
A034	27	E095	8	AVANTI GREY	37	A072	14
A062	5	SI-9M-AGWD65SG2A80	105	SI-9B-AVT115SP3A80	2	E026	15
A068	4	B113	16	D193	2	E077	35
A082	17	B177	28	SI-9B-AVT115SPPA80	35	E103	17
A115	2	B182	26	D081	6	E104	42
A116	24	B199	21	D106	5	SP-7G-BRIL35SG2A96	19
A119	24	E014	2	D175	24	E004	11
A123	21	E035	2	AVIANO BEIGE	202	E094	8
ALABASTRO BEIGE, 0,9M2/BOX	108	E038	7	SI-9B-AVAN35SP1A80	19	BRILLO BLUE	78
SKVAB-ABST35SG1A56	108	E057	3	D094	32	SP-7G-BRIL65SG1A96	71
C036	15	ANTARES BEIGE	23	D095	32	E058	11
C037	35	SI-9B-ATRS35SP3A80	17	D102	32	E087	11
C038	34	D188	17	D109	29	E092	19
C039	24	SI-9B-ATRS35SPPA80	6	D131	30	E097	20
ALPENA BROWN	317	D196	6	D174	18	E098	10
SI-9G-ALPE55SG1A80	288	AQUILA BEIGE, 0,9M2/BOX	13	D206	18	SP-7G-BRIL65SG2A96	7
A026	23	SKVAB-AQLA35SG1A56	13	SI-9B-AVAN35SP2A80	12	E004	5
A059	22	C035	10	D189	4	E056	1
A078	25	C048	3	D191	8	E098	1
A083	3	AQUILA GRIGIO, 0,9M2/BOX	128	AVIANO GREY	178	BRILLO GREY	209
B015	1	SKVAB-AQLA15SG1A56	128	SI-9B-AVAN15SP1A80	166	SP-7G-BRIL15SG1A96	186
B016	9	C010	12	D064	16	E036	16
B019	32	C011	24	D065	32	E043	8
B023	32	C012	6	D104	29	E045	16
B033	6	C021	29	D112	32	E050	15
B043	23	C023	27	D120	27	E082	35
B067	29	C059	30	D124	21	E084	40
B076	9	ARABESCO MOCHA	99	D205	9	E091	43
B083	38	SI-9R-ARBC58SG1A80	61	SI-9B-AVAN15SP2A80	12	E101	13
B095	30	B111	21	D189	12	SP-7G-BRIL15SG2A96	23
E010	6	D185	12	AZALIA BIANCO	1	E004	1
SI-9G-ALPE55SG2A80	29	D199	21	SPI7M-AZLA06SG1A84	1	E056	19
B180	12	E017	7	F157	1	E094	3
E052	10	SI-9R-ARBC58SG2A80	38	AZALIA GREEN	51	BRISTOL WHITE	22
E096	7	B194	30	SPI7M-AZLA75SG1A84	57	SK-8R-BRST08SG2A99	15
ALPENA GREY	381	D185	8	C087	6	A153	1
SI-9G-ALPE15SG1A80	350	ARABESCO STONE	23	C088	3	A157	1
A025	14	SI-9R-ARBC18SG1A80	4	C089	4	A169	3
A027	17	B111	4	C090	28	A174	1
A028	23	SI-9R-ARBC18SG2A80	19	C091	16	A187	8
A029	28	B148	13	SPI7M-AZLA75SG2A84	1	A190	1
A036	25	E038	4	C166	1	SK-8R-BRST07SG1A99	2
A063	6	E054	2	BALCON GRIGIO	60	A161	2
B015	22	ARALIA BROWN	143	SK-8G-BACN15SG1A99	50	SK-8R-BRST07SG2A99	5
B016	14	SI-9G-ARLA55SG1A80	143	A153	16	A153	4
B033	14	A074	22	A198	12	A169	1
B037	27	A075	20	A199	3	CALACATTA GOLD	2
B040	32	B091	20	A200	3	SI-9C-CLTA37SG2A80	2
B043	9	B092	28	E078	1	D132	1
B075	32	B122	22	SK-8G-BACN15SG2A99	10	D136	1
B076	22	D161	1	A155	7	CALEDONIA BEIGE	144
B080	15	E005	19	A156	1	SI-9G-CLDN35SG1A80	144
B081	28	E009	4	A187	1	A100	27
E010	9	E054	1			B022	22
E060	13	E061	6			B049	28
SI-9G-ALPE15SG2A80	31					D098	28
B167	25					E059	5
B180	6					E106	34

CALEDONIA GREY	18 CEDARIA GREY	EVEREST NERO	GLOSSY WHITE
SI-9G-CLDN155G1A80	188 SI-9M-CDAR155G2A80	SI-9R-EVRS-0SG1A80	SI-9A-001902SG2A80
B021	18 E044	12 E012	17 D129
B072	21 E054	1 E022	10 D130
B177	16 CELESTE DARK GREY	2E E025	1 D132
D105	30 SK-8R-CLES19SG2A99	22 E051	16 D133
D107	27 A180	19 E063	11 D134
D108	26 A188	3 SI-9R-EVRS-0SG2A80	4 D136
D140	27 SP-7R-CLES18SG2A96	6 D166	1 D139
D215	23 C177	1 E057	3 D168
CALLISTO CREMA, 0,9M2/BOX	111 E094	2 SK-8R-EVRS00SG1A99	9 D170
SKVAB-CALS46SG1A56	111 E098	3 A156	3 D171
C028	17 CELOSIA BEIGE	24 A171	6 D179
C029	10 SLP6M-CLSA35SP1LC8	1 EVEREST SAND	12 D182
C056	39 C184	1 SI-9R-EVRS33SG1A80	12 D183
C057	33 SLP6M-CLSA35SP2LC8	23 B130	12 SL-6A-001903SG2BC0
C058	12 C154	4 EVEREST TAUPE	127 C143
CANADIAN BEIGE	181 C164	1 SI-9R-EVRS34SG1A80	108 C190
SI-9G-CAND35SG1A80	174 C165	7 A088	20 GLOSSY WHITE, 0,9M2/BOX
A048	27 C169	4 B053	26 SKVA-A-001902SG1A56
A057	24 C184	7 B099	20 C030
B045	21 CELOSIA GREEN	2 B136	18 C031
B047	32 SLP6M-CLSA75SP2LC8	2 E041	11 C032
B112	15 C164	1 E099	13 C033
D066	31 C184	1 SI-9R-EVRS34SG2A80	14 C034
D157	14 CELOSIA PINK	4 B053	1 HANSEL BEIGE
E009	2 SLP6M-CLSA85SP2LC8	4 E014	2 SI-9B-HNSL35SP2A80
E017	5 C154	1 E025	1 D174
E035	1 C164	3 E035	2 D182
E039	2 CHARADE BEIGE	1 E041	5 ILLUSION BEIGE
SI-9G-CAND35SG2A80	7 SL-7G-CHRD35SP1AA0	1 E054	3 SP17L-ILSN35SG1A84
B176	6 A141	1 FESTIVAL SKYBLUE	€ C065
E054	1 CRISANTA BEIGE	€ SP-7G-FSTV64SG1A96	3 C067
CASSETTO BROWN	275 SLP6M-CSNT35SP1LC8	6 E043	3 C068
SI-9M-CSTO55SG1A80	160 C195	6 E091	1 C069
B119	20 CRISTALYN BEIGE, 0,9M2/BOX	131 SP-7G-FSTV64SG2A96	2 SP17L-ILSN35SG2A84
B142	19 SKVAB-CRST35SG1A56	131 E094	1 C150
D101	29 C024	24 E098	1 ILLUSION GREY
D103	32 C025	32 FRANCIS BEIGE, 0,9M2/BOX	31 SP17L-ILGN15SG1A84
EG08	15 C026	35 SKVAB-FNCS35SG1A56	31 C123
EG65	3 C027	40 C016	4 C124
E090	42 DAISY BIANCO	20 C017	4 C125
SI-9M-CSTO55SG2A80	115 SP17M-DASY05SG1A84	20 C042	18 IRIS BEIGE
B153	26 C103	14 C043	5 SLP6M-IRIS35SP2LC8
B183	17 C104	6 GALENA BROWN, 0,9M2/BOX	92 C154
D165	23 DANISE BEIGE, 0,9M2/BOX	77 SKVAB-GLNA55SG1A56	93 C158
D166	10 SKVAM-DNSE35SG1A56	77 C014	38 C182
D167	21 C044	21 C015	21 IRIS PINK
E011	8 C052	30 C018	8 SLP6M-IRIS85SP1LC8
E014	5 C053	26 C019	25 C195
E025	4 DIAMOND ART GREY	4C F164	1 JANEIRO BEIGE
E035	1 SP17C-DMND16SG1A84	37 GALENA LIGHT BROWN, 0,9M2/BOX	2 SI-9G-JNIR35SG1A80
CEDARIA BROWN	36E C116	1 SKVAB-GLNA54SG1A56	2 A026
SI-9M-CDAR55SG1A80	224 C117	2 F164	2 A098
D086	30 C118	1 GALUNGGUNG GREY	2 B010
D087	31 C119	21 SI-9B-GLNG15SP2A80	2 B014
D088	26 C120	12 D180	2 B017
D089	21 SP17C-DMND16SG2A84	3 GEOSTONE GRIGIO	3E B056
D090	30 C163	2 SI-9R-GSTN15SG1A80	35 B077
D091	29 C172	1 B137	1 B144
D092	29 DIAMOND GREY	68 B158	9 B155
D093	28 SP17C-DMND15SG1A84	54 B192	19 B159
SI-9M-CDAR55SG2A80	141 C101	4 E002	3 E081
B163	28 C110	24 E065	3 E102
B165	21 C111	26 GLOSSY CREAM	372 F123
B188	30 SP17C-DMND15SG2A84	14 SI-9A-001945SG2A80	372 SI-9G-JNIR35SG2A80
D153	18 C130	14 D122	25 B155
D154	21 EDNA GREY	42 D123	12 B163
D155	19 SI-9G-EDNA15SG1A80	1 D126	8 E011
E025	4 E095	1 D127	3 E037
CEDARIA GREY	41C SI-9G-EDNA15SG2A80	41 D129	3 JANEIRO GREY
SI-9M-CDAR155G1A80	173 B151	24 D130	1 SI-9G-JNIR15SG1A80
B102	17 D166	2 D135	32 A072
B110	2 E011	1 D136	8 A089
B114	28 E028	1 D139	1 B038
B116	32 E053	10 D143	28 B074
B126	31 E054	1 D144	27 B079
B169	22 E057	2 D145	26 B096
D169	18 EDNA TERRACOTA	7E D146	31 B128
E003	15 SI-9G-EDNA56SG1A80	64 D147	23 B145
E009	8 B035	15 D148	29 B149
SI-9M-CDAR155SG2A80	237 B051	21 D149	20 D059
B143	31 B052	28 D150	32 D061
B169	4 SI-9G-EDNA56SG2A80	15 D151	32 D068
B170	31 B198	15 D171	12 E086
B172	32 EVEREST NERO	179 D173	19 F123
B175	22 SI-9R-EVRS-0SG1A80	166 GLOSSY WHITE	347 SI-9G-JNIR15SG2A80
B178	31 B025	19 SI-9A-001902SG2A80	342 B181
B179	23 B104	25 D122	7 E022
B187	29 B130	8 D123	15 E031
D169	2 B136	12 D126	1 JIMBARAN BEIGE
E029	17 B137	31 D127	16 SI-9B-JBRN35SP2A80
E035	2 D180	16 D128	32 D175, D176

JIMBARAN GREY	24	MATTE WHITE	86	NEO BETHA GREY	21	NEO JURAL GREY	104
SI-9B-JBRN15SP1A80	23	SK-8A-001303SG1A99	17	SI-9B-BETA15SPPA80	21	SI-9R-NJRL15SG2A80	55
D074	1	A158	17	D176	21	B129	24
D201	22	A161	1	D178	24	B135	5
SI-9B-JBRN15SP2A80	1	A165	12	D181	24	B156	22
D182	1	A174	12	D215	19	D153	2
KENCANA ART VERDE	11	A181	11	NEO BRISTOL WHITE	70	D180	1
SPI7L-KNCN77SG1A84	11	A189	1	SK-8R-NBST08SG1A99	70	E053	1
C131	1	A191	16	A157	21	NEO JURAL MOCHA	88
C157	10	A192	7	A161	3	SI-9R-NJRL58SG1A80	38
KENCANA ART VIOLA	7	A195	8	A162	21	B090	28
SPI7L-KNCN87SG1A84	7	A197	1	A169	2	B121	10
C131	7	SK-8A-001303SG2A99	1	A171	1	SI-9R-NJRL58SG2A80	30
LAVANDA BIANCO	35	F121	1	A185	8	B129	1
SPI7B-LAVD05SG2A84	38	SPI7A-001303SG1A84	132	A196	13	B173	28
C138	15	C128	30	F164	1	D180	1
C149	13	C139	13	NEO CELESTEGREY	3	NEO LAGOS BEIGE	334
C155	10	C142	27	SK-8R-NCLS15SG1A99	3	SI-9G-NLGS35SG1A80	289
LIVENZA DECO GIALLO	7	C145	30	A188	3	A073	28
SPTAM-LVNZ28SG1A72	7	C151	32	SK-8R-NCLS15SG2A99	1	A080	28
C096	7	MIDORI BEIGE	12	A188	1	B012	26
LIVENZA DECO GRIGIO	5	SLP6M-MDR185SP1LC8	7	NEO CHARCOALBLACK	167	B026	21
SPTAM-LVNZ17SG1A72	5	C193	7	SI-9A-NCHC00SP3A80	45	B028	32
C148	5	SLP6M-MDR185SP2LC8	5	D194	21	B032	24
MALAGA GREEN	89	C164	4	D195	24	B064	34
SK-8B-MLGA75SPPA99	69	C175	1	SI-9A-NCHC00SPPA80	122	B071	29
A149	12	MIDORI BLUE	25	D042	34	B107	28
A163	20	SLP6M-MDR185SP1LC8	18	D054	32	B115	32
A166	21	C173	15	D060	8	E009	1
A175	16	C193	3	D117	28	E064	8
MARECCHIA DARK GREY	5	SLP6M-MDR185SP2LC8	7	D217	20	SI-9G-NLGS35SG2A80	45
SK-8R-MARC19SG1A99	6	C165	3	NEO DREAMWOOD BROWN	345	B134	10
A120	1	C169	2	SI-9M-NDWD55SG1A80	179	B150	32
A156	3	C175	2	A047	14	B151	1
A171	2	MIDORI PINK	97	B027	25	B193	1
SK-8R-MARC19SG2A99	2	SLP6M-MDR185SP1LC8	84	B031	32	E028	1
A179	2	C134	30	B059	30	NEO LAGOS GREY	99
MARTAPURA BEIGE	109	C144	30	B070	27	SI-9G-NLGS15SG1A80	84
SI-9B-MTPR35SP1A80	93	C146	21	B078	29	B044	17
D063	14	C193	3	B120	1	B063	26
D114	20	SLP6M-MDR185SP2LC8	13	B161	1	B087	28
D192	21	C154	6	B184	3	B139	11
D197	15	C165	1	D100	16	D087	1
D202	23	C169	1	E095	1	E063	1
SI-9B-MTPR35SP2A80	16	C175	5	SI-9M-NDWD55SG2A80	162	SI-9G-NLGS15SG2A80	15
D186	16	NAVARRA BEIGE	258	A076	28	B183	3
MARTAPURA GREY	217	SI-9G-NVRE35SG1A80	202	B105	25	E028	8
SI-9B-MTPR15SP1A80	195	A102	27	B106	1	E038	4
D067	29	B011	31	B113	5	NEO MOZAIKO BLUE	82
D119	31	B018	29	B120	16	SP-7G-NMZC65SG1A96	76
D129	5	B065	32	B161	31	E042	10
D137	3	B101	32	B184	22	E070	23
D162	16	B108	32	B189	25	E073	43
D187	24	E030	19	E032	6	SP-7G-NMZC65SG2A96	8
D200	24	SI-9G-NVRE35SG2A80	56	E035	2	E004	3
D212	24	B018	1	E054	1	E094	1
D214	24	B179	11	SI-9R-NDWD55SG2A80	8	E098	2
D219	15	B195	27	B106	1	NEO PEBBLE SAND	281
SI-9B-MTPR15SP2A80	22	B197	17	B184	1	SI-9G-NPBL32SG1A80	256
D164	21	NAVARRA GREY	185	B189	6	A024	16
D190	1	SI-9G-NVRE15SG1A80	158	NEO HOLYWOOD BROWN	322	A031	28
MATTE BLACK	133	A103	28	SI-9M-NHLW55SG1A80	149	A046	14
SK-8A-001300SG2A99	35	B036	25	A079	23	A083	28
A147	14	B055	31	A093	24	B034	32
A184	6	B073	17	B046	28	D203	22
A190	15	B160	32	B089	25	D208	26
SK-8A-0013-0SG1A99	75	D118	23	E009	1	D209	20
A156	5	E049	2	E068	4	D210	24
A164	20	SI-9G-NVRE15SG2A80	27	E089	44	D211	23
A171	6	B175	10	SI-9M-NHLW55SG2A80	145	E009	1
A182	10	B176	2	B106	27	E079	22
A183	20	B200	15	B138	24	SI-9G-NPBL32SG2A80	25
A193	4	NEO BETHA BEIGE	148	B168	21	B117	24
A194	10	SI-9B-BETA35SP3A80	30	B174	25	E054	1
SK-8A-0013-0SG2A99	23	D189	4	B200	13	NEO PEBBLESTONE	131
A147	7	D190	24	D163	24	SI-9G-NPBL17SG1A80	131
A184	13	D191	2	E025	3	A046	4
A190	3	SI-9B-BETA35SPPA80	118	E035	3	A051	11
MATTE WHITE	311	D071	32	E038	1	A056	15
SK-8A-001302SG1A99	71	D072	13	E053	1	A066	16
A161	13	D110	21	E054	2	A099	28
A165	5	D111	21	E057	1	B058	25
A171	2	D141	16	SI-9R-NHLW55SG2A80	28	D076	31
A181	6	D221	15	B106	3	D081	1
A189	18	NEO BETHA GREY	217	B138	8	NEO RIOGRANDE GREY	1
A191	4	SI-9B-BETA15SP3A80	28	B168	10	SI-9G-NRGD15SG1A80	1
A192	5	D191	11	B174	7	B058	1
A195	8	D218	17	NEO JURAL GREY	10	NERON BLUE	2
E105	10	SI-9B-BETA15SPPA80	189	SI-9R-NJRL15SG1A80	49	SLP6B-NRON65SP2LC8	2
SK-8A-001302SG2A99	21	D137	29	A094	9	C146	2
A170	3	D138	24	B100	29		
A177	17	D159	24	B135	11		
A184	1	D160	24				

NORTH WOOD TOBACCO	24 PALACE BEIGE	19 RIVERSTONE MARINE	SPECTRUM WHITE
SI-9G-NRTW56SG1A80	234 SPI7M-PLCE35SG1A84	1 SI-9G-RVST65SG2A80	29 SI-9A-003706SPPA80
A091	18 C131	1 B169	3 D220
B141	21 SPI7M-PLCE35SG2A84	18 B171	23 F125
B146	28 C166	18 E013	3 F127
D055	32 PARADISEA ART BEIGE	3 SAFIA BLEND AZZURO	76 F128
D056	25 SPI7L-PRDI36SG1A84	3 SPI7M-SFIA65SG1L99	76 F131
D057	29 C106	3 C137	31 F132
D073	32 PARADISEA CREAM	5 C139	9 F134
E023	20 SPI7L-PRDI45SG2A84	5 C142	4 F136
E027	20 C167	5 C147	32 F146
E039	9 PASTEL BISCUIT	3 SANDSTONE BEIGE	114 F147
SI-9G-NRTW56SG2A80	7 SL-6A-001941SG1AC0	1 SI-9R-SDST35SG1A80	80 F148
B176	3 F157	1 A068	18 F150
E028	4 SL-6A-001941SG2AC0	4 A090	14 F151
NORTH RIDGE 01 TAUPE	4 C143	1 B042	32 F152
SL-7R-NRTH37SP1LA0	1 C188	3 E065	16 F153
F157	1 PASTEL BLUE	9 SI-9R-SDST35SG2A80	34 F156
SL-7R-NRTH37SP2AA0	3 SL-6A-001965SG2AC0	9 B118	32 F159
C188	1 C188	6 E025	2 F160
C190	2 C190	3 SANDSTONE BEIGE - NW	6 F164
ONTARIO BROWN	3 PREMIUM WHITE	1 SK-9R-SDST36SG1A99	6 F168
SL-7G-ONTR55SP1AA0	1 SK-9A-003906SPPB09	1 A156	6 SK-9A-003706SPPA99
C176	1 A195	1 SIDLEY BEIGE	10 A165
SL-7G-ONTR55SP2AA0	2 PRIMA BEIGE	1 SI-9R-SDLY35SG1A80	10 A175
C188	2 SLP6B-PRIM35SP1LC8	1 B048	6 A196
ORION BEIGE	245 C195	1 E022	3 SPLENDOR BIANCO, 0.8M2/BOX
SI-9B-ORIN35SP3A80	7 PRIMA BLUE	1 E059	2 SKVAB-SPLD05SG1A56
A125	7 SLP6B-PRIM65SP2LC8	1 SIDLEY GREY	28 C187
SI-9B-ORIN35SPPA80	242 C154	1 SI-9R-SDLY15SG1A80	28 SKVAB-SPLD05SG2A56
A095	16 PRIMA GREEN	1 B110	11 C136
A107	11 SLP6B-PRIM75SP1LC8	1 B192	6 C185
A109	15 C162	1 E022	1 C186
A124	16 RIDGEVIEW 03 LIGHT GOLD -NW	121 E049	5 C187
A134	20 SK-9R-RIDV39SG1A99	94 E065	1 STANLEY BEIGE
A136	1 A160	16 SPECTRUM WHITE	1506 SI-9R-STLY35SG1A80
A139	27 A172	19 SI-9A-003706SP1A80	109 A030
A140	27 A185	12 D069	22 A068
A141	30 A186	21 D074	3 A070
A142	25 A193	16 D079	7 B024
A143	26 A194	10 D115	32 B068
A146	28 SK-9R-RIDV39SG2A99	27 D156	2 B123
ORION GREY	330 A159	4 D198	24 B157
SI-9B-ORIN15SP3A80	2 A169	5 D207	19 B169
A118	1 A176	12 SI-9A-003706SP2A80	21 B196
A122	1 A188	6 D152	1 E002
SI-9B-ORIN15SPPA80	328 RIDGEVIEW CREAM	2 D171	3 E024
A015	9 SL-7R-RIDV45SP2AA0	2 D172	7 SI-9R-STLY35SG2A80
A040	2 C190	1 SI-9A-003706SP3A80	353 B169
A092	19 E098	1 A012	2 B176
A096	28 RIVERSTONE COFFEE	140 A013	1 B196
A104	26 SI-9G-RVST54SG1A80	107 D152	1 STANLEY GRIGIO
A105	9 A032	14 D156	1 SI-9R-STLY15SG1A80
A106	26 A037	8 D161	23 B057
A108	29 A065	19 D177	15 B140
A109	1 A097	13 D194	1 B166
A110	27 B020	31 F126	4 E016
A111	27 B109	22 F129	32 SI-9R-STLY15SG2A80
A115	28 SI-9G-RVST54SG2A80	33 F130	22 B166
A126	13 B171	9 F133	29 B176
A127	28 E021	14 F135	3 TIMBER BROWN
A128	3 E032	10 F149	6 SPI7B-TIMB55SG1A84
A129	28 RIVERSTONE GOLD	327 F154	28 C074
A135	25 SI-9G-RVST38SG1A80	318 F155	28 C075
ORTEGA BEIGE	14E A020	24 F165	32 C076
SK-9G-ORTG35SG1A99	141 A035	22 F166	3 TIMBER GREY
A154	13 A060	20 F167	32 SPI7B-TIMB15SG1A84
A156	3 B050	28 F169	28 C081
A158	7 B060	30 SI-9A-003706SPPA80	101 TRIESTE BEIGE
A167	5 B103	32 A010	20 SPTAB-TRST35SG1A72
A173	21 B131	18 A011	26 C096
A197	18 D062	32 A013	1 TRIESTE DECO GREY
E066	32 D070	32 A016	29 SPTAM-TRST17SG1A72
E074	25 D077	18 A021	28 C135
E075	17 E009	2 A038	19 SPTAM-TRST17SG2A72
SK-9G-ORTG35SG2A99	7 E048	13 A040	1 C159
A169	1 E062	13 A043	7 UNIVERSALE ART BEIGE
A176	2 E072	33 A044	25 SPI7L-UNVL36SG2A84
A179	2 F123	1 A054	28 C140
A189	2 SI-9G-RVST38SG2A80	9 D069	1 UNIVERSALE ART GREY
ORTEGA BROWN	158 E013	9 D074	27 SPI7L-UNVL16SG1A84
SK-9G-ORTG55SG1A99	158 RIVERSTONE MARINE	226 D075	32 C112
A160	3 SI-9G-RVST65SG1A80	197 D078	32 SPI7L-UNVL16SG2A84
A161	2 A038	1 D079	16 C141
A164	1 A055	24 D080	3 URBAN BEIGE
E006	17 A063	18 D084	32 SP-7G-URBN35SG1A96
E034	12 A084	28 D116	28 E001
E046	12 B094	18 D125	27 E007
E047	10 B132	15 D152	8 E040
E071	29 B133	31 D156	3 SP-7G-URBN35SG2A96
E074	3 E033	16 D204	25 E003
E080	36 E076	40 D207	2 E042
E100	33 E083	6 D213	23 E043

URBAN GREY	54	SI-9M-WLLW15SG2A80	26
SP-7G-URBN15SG1A96	45	B148	3
E040	7	B185	23
E043	3	WINNIPEG GREY	2
E049	17	SK-9G-WNPG15SG2A99	2
E093	18	A188	2
SP-7G-URBN15SG2A96	9		
E003	2		
E054	4		
E094	3		
VALINO BEIGE	44		
SP17M-VLNO35SG1A84	44		
C092	6		
C093	32		
C100	6		
VALINO GREEN	31		
SP17M-VLNO75SG1A84	31		
C061	7		
C062	3		
C108	18		
C109	3		
VEGA BEIGE	36		
SP17B-VEGA35SG1A84	23		
C081	2		
C082	5		
C083	8		
C084	8		
SP17B-VEGA35SG2A84	15		
C161	15		
VICTORIAN BROWN	224		
SI-9G-VTRN55SG1A80	199		
A061	6		
A064	27		
A069	25		
B039	22		
B048	19		
D099	22		
D184	24		
E002	4		
E039	5		
E069	45		
SI-9G-VTRN55SG2A80	25		
B147	25		
VICTORIAN GREY	76		
SI-9G-VTRN15SG1A80	33		
B039	4		
E002	6		
E018	20		
E061	3		
SI-9G-VTRN15SG2A80	43		
B151	7		
B191	26		
E015	8		
E025	1		
E057	1		
WILLOW MOCHA	257		
SI-9M-WLLW56SG1A80	219		
A019	17		
A037	11		
B013	32		
B029	17		
B030	29		
B069	32		
B082	32		
B088	25		
B095	1		
B125	20		
E028	3		
SI-9M-WLLW56SG2A80	38		
B180	1		
B193	27		
B198	7		
E025	3		
WILLOW SILVER	256		
SI-9M-WLLW15SG1A80	230		
A023	20		
A052	26		
A053	12		
A067	28		
A071	26		
A081	27		
A087	23		
B061	31		
B066	12		
B093	25		



Lampiran 6 Layout

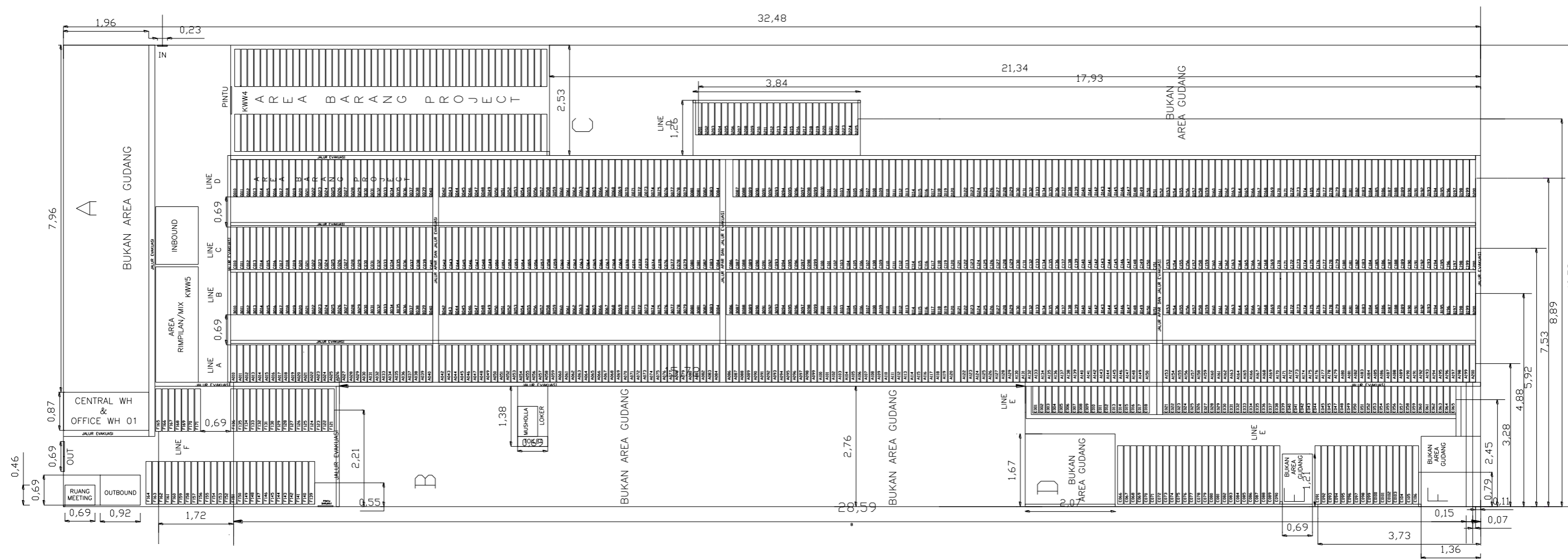


Tabel Keterangan Ukuran *Layout*

Fasilitas Gudang	p (m)	l (m)	luas (m²)
Office wh	17	7,6	129,2
Ruang Meeting	6	4	24
Inbound	11,5	8,5	97,75
Outbound	8	6	48
Unloading & Parkir	20	30	600
Musholla, Toilet,	12	6	72

Keterangan	p (m)	l (m)	luas (m²)
A	69,2	17	1176,4
B - Musholla, Toilet, Loker	136,72	24	3209,28
	12	6	
C - Jalur D	185,57	22	3715,69
	33,35	11	
D	18	14,5	261
E	10,5	6	63
F	14	11,85	165,90
	10	4,9	49
Total Luas (bukan gudang)			8640,27
Ukuran Bangunan	282,45	92	25985,40
Luas Gudang			17345,13

Layout Warehouse 01



Skala 1: 869,6

Lampiran 7 Data Transfer Hasil Produksi Warehouse 01

DATA THP KWW1

PERIODE : FEB 2019			(In Document)					
PERIODE	%	UMUR REGISTER	TANGGAL					
			TOTAL	1-3	4-10	11-17	18-24	25-28
Feb-19	93,38%	0 s/d 1 Hari	733	40	200	214	159	120
	6,62%	>1 Hari	52	2	16	14	11	9
	100%	TOTAL	785	42	216	228	170	129

DATA THP KWW1

PERIODE : MARET 2019			(In Document)					
PERIODE	%	UMUR REGISTER	TANGGAL					
			TOTAL	1-3	4-10	11-17	18-24	25-31
Mar-19	90,54%	0 s/d 1 Hari	1.024	110	204	232	243	235
	9,46%	>1 Hari	107	6	17	23	31	30
	100%	TOTAL	1.131	116	221	255	274	265

DATA THP KWW1

PERIODE : APRIL 2019			(In Document)					
PERIODE	%	UMUR REGISTER	TANGGAL					
			TOTAL	1-7	8-14	15-21	22-28	29-30
Apr-19	89,68%	0 s/d 1 Hari	1.069	285	266	227	212	79
	10,32%	>1 Hari	123	33	27	24	27	12
	100%	TOTAL	1.192	318	293	251	239	91



 PT MULIA KERAMIK INDAH RAYA
 WAREHOUSE FG

Lampiran 8 Data GKM Inventory

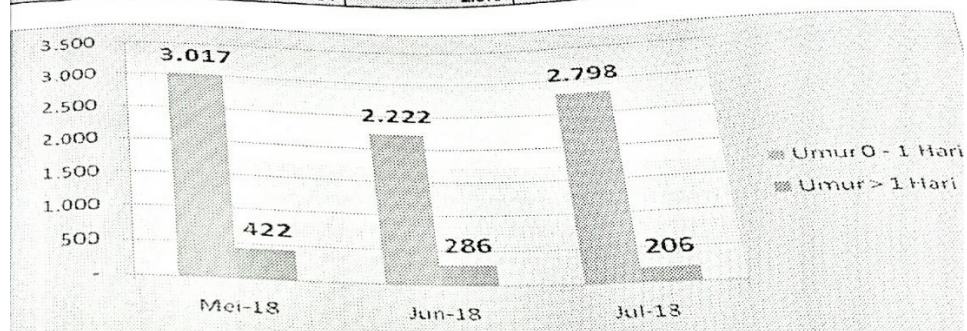


- 1. Dasar pembentukan GKM**
Mendukung visi dan misi perusahaan sebagai manufaktur keramik yang terkemuka dan bersekala internasional
- 2. Rumusan Masalah**
Barang jadi yang disimpan di gudang merupakan barang-barang yang sudah siap di tawarkan / dijual ke customer oleh Sales. Untuk menambah ketersediaan stock digudang, maka perlu dilakukan penarikan barang hasil produksi oleh warehouse secara tepat.
- 3. Penentuan Tema**
Dilihat hasil laporan tiga bulan ke belakang ada beberapa masalah di warehouse yang cukup signifikan, berikut adalah masalah yang muncul di WHFG :
1. **THP (Transfer Hasil Produksi)**
 - Menumpuknya register yang berumur >1 hari
 - Area storage produksi sempit
 2. **Akurasi Stock**
 - Masih ditemukannya pisik tidak sesuai dengan line
 - HU beda dengan pisik
 - Masih ada stock diluar jalur gudang utama

1. THP (Transfer Hasil Produksi)

Rekapitulasi penarikan THP

Bulan	All Doc. THP	Umur 0 - 1 Hari		Umur > 1 Hari	
		Jml. Doc.	Persentase	Jml. Doc.	Persentase
Mei-18	3.439	3.017	87,7%	422	12,3%
Jun-18	2.508	2.222	88,6%	286	11,4%
Jul-18	3.004	2.798	93,1%	206	6,9%
Rata²	2.984	2.679	89,8%	305	10,2%



yang terdapat di atas adalah register Transfer Hasil Produksi (THP) yang berumur lebih dari 1 hari pada periode Mei s/d ju

Dari sumber data yang kami buat pada tabel tersebut THP merupakan permasalahan yang kami angkat, dikarenakan ada penumpukan register THP yang berumur > 1 hari.

Berdasarkan hasil pengolahan data di atas, team GKM INVENTORY sepakat mengambil Tema :

" Transfer Hasil Produksi "

Alasan Pemilihan Tema :





1. Intruksi atasan
2. Menurunkan penumpukan register THP yang berumur >1 hari
3. Mempercepat penarikan finish goods yang fast moving

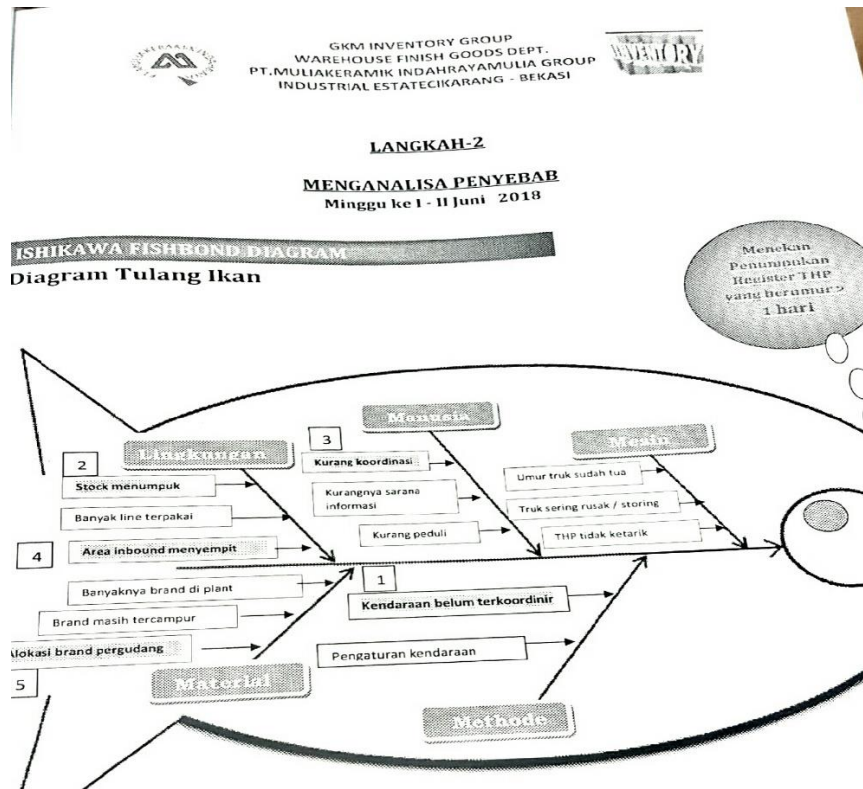
Berdasarkan hasil pengolahan data di atas, GKM INVENTORY telah sepakat untuk mengangkat **Judul :**

" Menekan Penumpukan Register THP yang berumur > 1 hari dari 10.2 % menjadi < 5.0% dalam waktu 1 bulan "

Komentar Atasan :

Program yang sangat bagus & dapat meningkatkan repeat order karena avaiable stock yang baik

Di Buat Oleh	Di Periksa Oleh	Di Setujui Oleh	
			
Riyanto	Asep Jamaludin	Santosa	Anghi P
Ketua GKM INVENTORY	Fasilitator GKM INVENTORY	Section Head WHFG MKIR	WH



GKM INVENTORY GROUP
WAREHOUSE FINISH GOODS DEPT.
PT.MULIAKERAMIK INDAHAYAMULIA GROUP
INDUSTRIAL ESTATECIKARANG - BEKASI

LANGKAH - 4
A. RENCANA PERBAIKAN
Periode Minggu ke III - IV Juli 2018

No	Alar penyebab	Why (Kenapa)	What (Apa)	Where,When,Who (Dimana,Kapan,Siapa)	How (Bagaimana)
1	Kendaraan belum terkoordinir	Pengambilan barang dari produksi dengan sistim bersamaan	Pengaturan kendaraan dilakukan oleh masing-masing gudang	Di.PT.Mulakeramik indahraya Agustus 2018 Riyanto, Asep RH, M.Soleh, Sutaryo, Romi Purwanto	Truk dibagi ke masing-masing gudang Riyanto, Romi Purwanto Asep RH
2	Stock menumpuk	Adanya penurunan penjualan, sementara stock meningkat	Menata line dengan maksimal	Di.PT.Mulakeramik indahraya Riyanto, Romi Purwanto Soleh	Memaksimalkan line yang ada didalam gudang untuk menampung stock Soleh, Sutaryo
3	Kurangnya koordinasi	Mengatur & menjadwalkan driver perunit giliran periode	Mengontrol unit dalam driver system posisi up date	Di.PT.Mulakeramik indahraya,Agustus 2018 Riyanto, Asep RH, M.Soleh, Sutaryo, Romi Purwanto	Driver mengformasikan nomor ² register yang akan ditank dulu ke bagian produksi
4	Area inbound menyempit	Banyaknya line yang dipakai untuk menampung finish goods	Secepatnya memindahkan barang inbound ke line	Di.PT.Mulakeramik indahraya,Agustus 2018 Riyanto, Asep RH, M.Soleh, Sutaryo, Romi Purwanto	Mengupayakan area inbound selalu kosong setiap saat Romi P, M.Soleh

Lampiran 9 Lembar Hasil Wawancara

Wawancara W01

1. Apakah pelaksanaan aktivitas pergudangan telah dijalankan sesuai dengan prosedur?

Jawab : Kegiatan telah dijalankan sesuai dengan prosedur yang ada, namun ada beberapa hal yang tidak dapat dijalankan karena situasi dan kondisi di lapangan. Sebagai contoh, barang pecah tidak langsung ditangani. Melainkan baru akan diproses ketika adanya permintaan pengeluaran barang. Hal ini dilakukan untuk meminimalisir *handling* dan kerusakan lain yang akan timbul, selain itu hal ini dikarenakan banyaknya *stock*, dan padatnya aktivitas penerimaan-penyimpanan. Selain itu, kamu dapat melihat dan membandingkan prosedur yang tertera pada dokumen SOP dengan penerapannya di lapangan.

2. Bagaimana metode penyimpanan di W01?

Jawab : Penyimpanan di W01 diatur/dikelompokkan berdasarkan tempat produksi. Sehingga, dalam penyimpanan, item tidak dikelompokkan. Misal di A010 item *Spectrum*, A011 item *Aplha Grey*, A012 item *Spectrum*. Selang seling seperti itu tidak apa-apa, asalkan dalam satu *line* itemnya sama.

3. Apakah metode penyimpanan *fast moving* telah diterapkan?

Jawab : Metode penyimpanan *fast moving* telah diterapkan, namun tidak optimal/tersendat oleh keadaan gudang yang *overload*, sehingga penyimpanan saat ini tidak teratur seperti satu *line* terdapat beberapa item dan penentuan lokasi penyimpanan berdasarkan *line* yang kosong.

4. Apakah metode penyimpanan saat ini sudah dirasa tepat?

Jawab : Metode penyimpanan saat ini belum maksimal, nantinya diharapkan agar penyimpanan dapat diatur berdasarkan *brand*.

5. Mengapa harus diatur berdasarkan *brand*?

Jawab : Diatur berdasarkan *brand* karena sistem penjualan perusahaan yang memang berdasarkan *brand*. Tidak seperti di W02 (*warehouse 02*), kalau di sana khusus untuk menyimpan *brand* Mulia saja, jadi pengaturannya menjadi lebih mudah. Kalau di W01 kan terdapat 2 *brand*, yaitu *brand Signature* dan *brand Spectrum*. Saya sudah memikirkan ide untuk ke depannya mengatur item berdasarkan *brand*.

6. Kendala apa yang ada di gudang saat ini?

Jawab : *Stock* yang tidak terkontrol, dalam artian penyimpanan yang belum maksimal. Dalam satu *line* terdapat jenis item yang berbeda dan pada saat dilakukan kegiatan *stock map* dan *stock card* terdapat 5 jalur yang tidak ada barangnya namun di *pack memo* ada. Dan 2 jalur tidak memiliki identitas (*pack memo*). Hal ini terjadi dikarenakan *supervisor* yang sebelumnya tidak mengontrol *stock* melainkan hanya fokus pada kebersihan gudang.

7. Apakah ada kesulitan dalam pencarian (pengambilan barang) dan pengecekan (*stock map/stock card*)?

Jawab : Pada umumnya operator sudah hafal tempat meletakkan barang tersebut, karena barang yang dipesan biasanya adalah barang/jenis yang familiar sedangkan dalam pengecekan barang terdapat kendala waktu, karena penempatan yang tidak beraturan sehingga menyebabkan waktu pengecekan menjadi lama khususnya untuk *stock* lama.

8. Kapan proses *stock map/stock card* dilaksanakan?

Jawab : kegiatan *stock map/stock card* dilakukan secara rutin sekurang-kurangnya 1 minggu sekali untuk setiap *line* dan hal ini wajib dilakukan oleh *checker inventory* untuk keakuratan *stock*. Apabila terdapat ketidaksesuaian, maka pada hari yang sama akan dilakukan penelusuran (*stock card*) dan proses pembetulan baik secara sistem maupun fisik.

9. Bagaimana menentukan lokasi pengambilan barang yang sebenarnya? Karena pada kondisi aktual, admin *warehouse* menentukan lokasi pengambilan di *line* yang penuh saja padahal barang tersebut juga ada di *line* lain yang *stocknya* hanya tersisa beberapa paket, dengan alasan biar cepat dan mudah?

Jawab : Memang seharusnya penentuan lokasi barang dilakukan dengan menghabiskan satu *line* dulu agar *line* tersebut kosong dan dapat diisi barang baru. Tetapi, terkadang padatnya aktivitas menuntut kecepatan sehingga hal tersebut dapat terjadi dan dimaklumi.

10. Apakah setiap permintaan (penjualan) selalu dapat terpenuhi pada hari yang sama?


Jawab : Semua SPMB (Surat Perintah Muat Barang) langsung terpenuhi pada hari yang sama tidak ada yang tidak terpenuhi. Semua SPMB yang turun langsung dimuat pada hari yang sama.

11. Bagaimana dengan kegiatan THP (Transfer Hasil Produksi), apakah selalu dapat terpenuhi?

Jawab : untuk THP, kadang kala masih ada yang menggantung di sistem, tidak terkirim ke *warehouse*. Penyebabnya adalah, *stock* yang semakin

menumpuk di WH, menyebabkan tidak ada atau sulitnya mencari *line* kosong berakibat perlambatan penarikan *inbound* dari produksi, sehingga masih ada register THP yang menggantung. Kedua, jarak produksi ke *warehouse* juga menjadi salah satu penyebabnya. Ketiga, variasi hasil produksi yang cenderung dominan pada salah satu *brand*, sehingga angka *inbound* tinggi pada salah satu gudang *brand*, berakibat terjadinya penumpukan mobil *inbound* dan penumpukan barang di area transit. Keempat, faktor cuaca juga berpengaruh pada kegiatan THP, karena bilamana turun hujan, maka proses transfer akan berhenti sampai hujan reda.

Narasumber,

Supervisor Warehouse 01

MULIAKERAMIK INDAH RAYA
WAREHOUSE FG
Asep Jamaludin

Lampiran 10 Pack Memo

Pack Memo merupakan identitas yang tertempel pada barang yang digunakan untuk memudahkan penanganan barang (transfer, penyimpanan, dan pengambilan) serta mendukung pengoperasian Sistem Informasi SAP.

PT MULIAKERAMIK INDAHRAYI

PACK MEMO

Product Code :
SI-9B-ADNS15SPPA80
1 2 3 4 5 6 7 8 9 10

Description :
ADONIS GREY

11

12A 211218 A03 PCS : 6 02:10 02

Size	Grade	Caliber	Shade	Qty / Pallet	Weight
40X40	P	M-	5602	80 BOX	1.194,80 KG

CHECKER : M. KASIYONO
 SORTER : SN-AP-AD
 INSPECT : SUTADI
 04/05 No: 001120016222

0015894966

PLEASE ENCLOSE THIS PACK MEMO TO THE DESTINATION


KETERANGAN :

NO	KODE	KETERANGAN	NO	KODE	KETERANGAN			
1	Kode Pembakaran/ Firing	S : Single	6	Kode Warna	40-49 : Cream			
		D : Double			50-59 : Brown			
		T : Third			60-69 : Blue			
2	Kode Ukuran (cm)	I (40)			70-79 : Green			
		K (30)			80-89 : Pink			
		L (20)		90-99 : Red				
		P (25)		7	Kode Brand	MU : Mulia		
V (60)	SG : Signature							
3	Kode Ketebalan/ Thickness	A : Polos				SP : Spectrum		
			4	Kode Desain	AC : Accura			
					B : Motif tidak timbul	8	Kode KW/Kualitas	
					C : Motif tidak timbul			9
					G : Motif timbul	G : Ekspor		
M : Motif timbul	10	Kode Konfigurasi						
R : Motif timbul			11	Kode Plant	11A : FT 1			
5	Kode Nama Item	12A : FT 2						
		0-9 : Polos/Putih			13A : FT 3			
6	Kode Warna	10-19 : Grey			14A : FT4			
		21-29 : Yellow			11D : WT1			
		31-39 : Beige			12D : WT2			

Lampiran 11 Instruksi Pengoperasian SAP

1. Instruksi Pengoperasian SAP (Konfirmasi Barang Masuk)
2. Instruksi Pengoperasian SAP (Input Line)
3. Instruksi Pengoperasian SAP (Mengecek dan Mencetak SPMB)
4. Instruksi Pengoperasian SAP (Menentukan Lokasi Pengambilan Berdasarkan SPMB)
5. Instruksi Pengoperasian SAP (Membuat dan Mengkonfirmasi Transfer Order serta mencetak Bukti Pemuatan Barang)
6. Instruksi Pengoperasian SAP (Stock Map dan Stock Card)
7. Instruksi Pengoperasian SAP (Moving Stock)
8. Instruksi Pengoperasian SAP (Mencetak Pack Memo)

NOTE: Diterima surat pengajuan
 WI terlampir (WI Pengoperasian
 SAP).

TTD.

 (Sembasa) 5/4 '19

Acknowledge

 03/04/2019


Lampiran 13 Perhitungan Nilai Throughput dan Klasifikasi Frekuensi

NO	BRAND	MATERIAL	MATERIAL DESCRIPTION	ITEM				THROUGHPUT						KLASIFIKASI FREKUENSI		
				AVRG IN (BOX)	AVRG OUT (BOX)	MAXLIFT (PALLET)	Σ FORKLIFT IN	Σ FORKLIFT OUT	AVRG IN (PALLET)	AVRG OUT (PALLET)	T IN	T OUT	TOTAL	% Throughput	Σ % Throughput	Klasifikasi Frekuensi
1	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	12514	9907	2	6	6	157	124	14	11	25	3,69%	3,69%	A
2	SPECTRUM	SK-9A-003706SPPA99	SPECTRUM WHITE	8451	6762	2	6	6	86	69	8	6	14	2,07%	5,76%	A
3	SIGNATURE	SI-9G-JNIR55GIA80	JANEIRO BEIGE	9929	812	2	6	6	125	11	11	1	12	1,77%	7,53%	A
4	SIGNATURE	SI-9C-NPBL7SGIA80	NEO PEBBLE STONE	6892	1447	2	6	6	87	19	8	2	10	1,48%	9,01%	A
5	SIGNATURE	SI-9G-ARLA15SGIA80	ARALIA GREY	6910	723	2	6	6	87	10	8	1	9	1,33%	10,34%	A
6	SIGNATURE	SI-9G-VTRN55G2A80	VICTORIAN BROWN	6695	822	2	6	6	84	11	7	1	8	1,18%	11,52%	A
7	SIGNATURE	SI-9C-ALPE15SGIA80	ALPENA GREY	7122		2	6	6	90	8	0	8	8	1,18%	12,70%	A
8	SPECTRUM	SI-9B-ORIN15SP3A80	ORION GREY	4203	2758	2	6	6	53	35	5	3	8	1,18%	13,88%	A
9	SIGNATURE	SI-9G-JNIR15SGIA80	JANEIRO GREY	6086	686	2	6	6	77	9	7	1	8	1,18%	15,07%	A
10	SPECTRUM	SI-9B-ORIN35P3A80	ORION BEIGE	4542	2231	2	6	6	57	28	5	3	8	1,18%	16,25%	A
11	SIGNATURE	SI-9G-NRCD35SGIA80	NEO RIOGRANDE BEIGE	5930	676	2	6	6	75	9	7	1	8	1,18%	17,43%	A
12	SIGNATURE	SI-9M-WLLW56SGIA80	WILLOW SILVER	6080	329	2	6	6	76	5	7	1	8	1,18%	18,61%	A
13	SIGNATURE	SI-9C-RVST54SGIA80	RIVERSSTONE COFFEE	5405	722	2	6	6	68	10	6	1	7	1,03%	19,65%	A
14	SPECTRUM	SI-9B-ALPA15SP3A80	ALPHA GREY	4575	1512	2	6	6	58	19	5	2	7	1,03%	20,68%	A
15	SPECTRUM	SI-9B-MTPR15SP1A80	MARTAPURA GREY	3291	2743	2	6	6	42	35	4	3	7	1,03%	21,71%	A
16	SIGNATURE	SI-9C-VTRN15SG2A80	VICTORIAN GREY	5022	1024	2	6	6	63	13	6	2	8	1,18%	22,90%	A
17	SIGNATURE	SP17M-LYRA55SGIA84	LYRA BROWN	5549	468	2	6	6	67	6	6	1	7	1,03%	23,93%	A
18	SIGNATURE	SP17L-PRDI45SGIA84	PARADISEA CREAM	5593	305	2	6	6	67	4	6	1	7	1,03%	24,96%	A
19	SIGNATURE	SP17B-TIMB35SG2A84	TIMBER BEIGE	4450	1396	2	6	6	53	17	5	2	7	1,03%	26,00%	A
20	SIGNATURE	SP17B-TIMB55SG2A84	TIMBER BROWN	5544		2	6	6	66	6	0	6	6	0,89%	26,88%	A
21	SIGNATURE	SI-9G-NVRE15SGIA80	NAVARRE GREY	4126	907	2	6	6	52	12	5	1	6	0,89%	27,77%	A
22	SPECTRUM	SI-9B-ALPA35P3A80	ALPHA BEIGE	3702	1275	2	6	6	47	16	4	2	6	0,89%	28,66%	A
23	SPECTRUM	SI-9B-MTPR35P1A80	MARTAPURA BEIGE	3051	1762	2	6	6	39	23	4	2	6	0,89%	29,54%	A
24	SIGNATURE	SI-9G-NPBL32SGIA80	NEO PEBBLE SAND	3984	645	2	6	6	50	9	5	1	6	0,89%	30,43%	A
25	SIGNATURE	SI-9C-NRCD15SGIA80	NEO RIOGRANDE GREY	3909	784	2	6	6	49	10	5	1	6	0,89%	31,31%	A
26	SIGNATURE	SP17M-ALTM75SGIA84	ALTIMA GREEN	3134	1565	2	6	6	38	19	4	2	6	0,89%	32,20%	A
27	SIGNATURE	SI-9G-ARLA55SGIA80	ARALIA BROWN	3865	565	2	6	6	49	8	5	1	6	0,89%	33,09%	A
28	SIGNATURE	SP-7G-URBN35SGIA96	URBAN BEIGE	4914	464	2	6	6	52	5	5	1	6	0,89%	33,97%	A
29	SPECTRUM	SI-9B-ADNS15SP3A80	ADONIS GREY	2837	1443	2	6	6	36	19	3	2	5	0,74%	34,71%	A
30	SIGNATURE	SI-9G-NVRE35SGIA80	NAVARRE BEIGE	3380	921	2	6	6	43	12	4	1	5	0,74%	35,45%	A
31	SIGNATURE	SP17M-AZLA75SGIA84	AZALIA GREEN	3939	1428	2	6	6	37	17	4	2	6	0,89%	36,34%	A
32	SIGNATURE	SI-9B-ADNS35SGIA80	ADONIS BEIGE	2642	1590	2	6	6	34	20	3	2	5	0,74%	37,08%	A
33	SPECTRUM	SI-9B-ADNS35P3A80	ADONIS BEIGE	2642	1590	2	6	6	34	20	3	2	5	0,74%	37,81%	A
34	SIGNATURE	SP-7G-NMZZ65SGIA96	NEO MOZAIKO BLUE	4226	631	2	6	6	46	7	4	1	5	0,74%	38,55%	A
35	SIGNATURE	SP-7G-NMZZ65SGIA96	NEO MOZAIKO BLUE	4226	631	2	6	6	46	7	4	1	5	0,74%	39,29%	A
36	SIGNATURE	SP-7G-BRIL35SGIA96	BRILLO BEIGE	4354	504	2	6	6	46	6	4	1	5	0,74%	40,03%	A
37	SIGNATURE	SI-9B-CLDN35SGIA80	CALEDONIA BEIGE	3298	756	2	6	6	42	10	4	1	5	0,74%	40,77%	A
38	SPECTRUM	SI-9B-AVANI5SP2A80	AVIANO GREY	3536	480	2	6	6	45	6	4	1	5	0,74%	41,51%	A
39	SPECTRUM	SI-9B-JBRN35P1A80	JIMBARAN BEIGE	2148	1827	2	6	6	27	23	3	2	5	0,74%	42,25%	A
40	SPECTRUM	SI-9A-NCHC08P3A80	NEO CHARCOAL BLACK	2304	1664	2	6	6	29	21	3	2	5	0,74%	42,98%	A
41	SPECTRUM	SI-9B-ATRS15SP3A80	ANTARES GREY	2870	1047	2	6	6	36	14	3	2	5	0,74%	43,72%	A
42	SPECTRUM	SI-9B-ADNS75SP3A80	ADONIS GREEN	2755	1118	2	6	6	35	14	3	2	5	0,74%	44,46%	A
43	SIGNATURE	SI-9C-CLDN15SGIA80	CALEDONIA GREY	3224	600	2	6	6	41	8	4	1	5	0,74%	45,20%	A
44	SIGNATURE	SP17L-ILSN35SGIA84	ILLUSION BEIGE	2432	1668	2	6	6	29	20	3	2	5	0,74%	45,94%	A
45	SIGNATURE	SP17L-ILSN15SGIA84	ILLUSION GREY	2758	1299	2	6	6	33	16	3	2	5	0,74%	46,68%	A

NO	BRAND	MATERIAL	MATERIAL DESCRIPTION	ITEM			THROUGHPUT						KLASIFIKASI FREKUENSI				
				AVRG IN (BOX)	AVRG OUT (BOX)	MAX LIFT (PALLET)	Σ FORKLIFT IN	Σ FORKLIFT OUT	AVRG IN (PALLET)	AVRG OUT (PALLET)	T IN	T OUT	TOTAL	% Throughput	Σ % Throughput	Klasifikasi Frekuensi	
46	SIGNATURE	SP17L-PRDI36SGIA84	PARADISEA ART BEIGE	3634	357	2	6	6	6	44	5	4	1	5	0.74%	47.42%	A
47	SIGNATURE	SI-9B-BETA35SPPA80	NEO BETHA BEIGE	3191	628	2	6	6	6	40	8	4	1	5	0.74%	48.15%	A
48	SIGNATURE	SPT7C-DMND35SGIA84	DIAMOND BEIGE	3318	556	2	6	6	6	40	7	4	1	5	0.74%	48.89%	A
49	SPECTRUM	SI-9B-GLNG15SPLA80	GALUNGGUNG GREY	2839	875	2	6	6	6	36	11	3	1	4	0.59%	49.48%	A
50	SPECTRUM	SL-7G-ONTRE55SPLA80	ONTARIO BROWN	4014	504	2	6	6	6	41	6	4	1	5	0.74%	50.22%	A
51	SIGNATURE	SPT7B-TMBI15SG2A84	TIMBER GREY	2219	1546	2	6	6	6	27	19	3	2	5	0.74%	50.96%	A
52	SIGNATURE	SI-9G-CAND35SGIA80	BRILLO GREY	3872	350	2	6	6	6	41	4	4	1	5	0.74%	51.70%	A
53	SIGNATURE	SI-9G-CAND35SGIA80	CANADIAN BEIGE	2996	476	2	6	6	6	38	6	4	1	5	0.74%	52.44%	A
54	SIGNATURE	SI-9G-ALPE35SGIA80	ALPIENA BROWN	3120	160	2	6	6	6	39	2	4	1	5	0.74%	53.18%	A
55	SIGNATURE	SPT7M-VLNO35SGIA84	VALINO BEIGE	2751	614	2	6	6	6	33	8	3	1	4	0.59%	53.77%	A
56	SPECTRUM	SI-9B-GLNG35SPLA80	GALUNGGUNG BEIGE	2230	928	2	6	6	6	28	12	3	1	4	0.59%	54.36%	A
57	SIGNATURE	SPT7M-PLC667SGIA84	PALACE DECO BLUE	2848	381	2	6	6	6	34	5	3	1	4	0.59%	54.95%	A
58	SPECTRUM	SLP6B-PRIME5SPLC8	PRIMA BLUE	2917	1984	2	6	6	6	23	16	2	2	4	0.59%	55.54%	A
59	SPECTRUM	SI-P6B-PRIME7SPLC8	PRIMEIRO GREEN	4556	275	2	6	6	6	36	3	3	1	4	0.59%	56.13%	A
60	SIGNATURE	SI-9G-EDNA15SGIA80	EDNA GREY	2640	364	2	6	6	6	33	5	3	1	4	0.59%	56.72%	A
61	SIGNATURE	SPT7M-AZLA65SGIA84	AZALIA BLUE	2477	608	2	6	6	6	30	8	3	1	4	0.59%	57.31%	A
62	SPECTRUM	SI-9B-AVTI15SPPA80	AVANTI BEIGE	2154	779	2	6	6	6	27	10	3	1	4	0.59%	57.90%	A
63	SPECTRUM	SL-7G-CHR35SPLA80	CHARADE BEIGE	2800	818	2	6	6	6	28	9	3	1	4	0.59%	58.49%	A
64	SIGNATURE	SI-9G-EDNA15SGIA80	EDNA GREY	3675	885	2	6	6	6	29	7	3	1	4	0.59%	59.08%	A
65	SIGNATURE	SKVAB-AOLA35SGIA56	AQUILA BEIGE, 0.9M2/BOX	2537	240	3	6	6	6	46	5	3	1	4	0.59%	59.68%	A
66	SPECTRUM	SI-9B-AVAN35SPPA80	AVIANO BEIGE	2880	2	2	6	6	6	36	3	0	3	3	0.44%	60.12%	A
67	SIGNATURE	SI-9G-RVST65SGIA80	RIVERSTONE MARINE	1920	884	2	6	6	6	24	12	2	1	3	0.44%	60.56%	A
68	SPECTRUM	SI-9B-ATRS35SPPA80	ANTARES BEIGE	1927	771	2	6	6	6	25	10	3	1	4	0.59%	61.15%	A
69	SPECTRUM	SI-9B-HNSL35SPLA80	HANSEL BEIGE	2126	603	2	6	6	6	27	8	3	1	4	0.59%	61.74%	A
70	SPECTRUM	SI-9B-JBRN15SPLA80	JIMBARAN GREY	1653	1001	2	6	6	6	21	13	2	2	4	0.59%	62.33%	A
71	SIGNATURE	SPT7B-VEGA35SGIA84	VEGA BEIGE	2320	504	2	6	6	6	28	6	3	1	4	0.59%	62.92%	A
72	SIGNATURE	SPT7M-AZLA65SGIA84	AZALIA BIANCO	1805	853	2	6	6	6	22	11	2	1	3	0.44%	63.37%	A
73	SIGNATURE	SI-6A-001903SGIBCO	GLOSSY WHITE NW	2805	317	2	6	6	6	29	4	3	1	4	0.59%	63.96%	A
74	SPECTRUM	SI-9B-AVTI15SPPA80	AVANTI GREY	1769	720	2	6	6	6	23	9	2	1	3	0.44%	64.40%	A
75	SIGNATURE	SPT7M-VLNO65SGIA84	VALINO BLUE	1855	689	2	6	6	6	23	9	2	1	3	0.44%	64.84%	A
76	SPECTRUM	SLP6B-NKON75SPLC8	NERON GREEN	3566	497	2	6	6	6	28	4	3	1	4	0.59%	65.44%	A
77	SPECTRUM	SLP6B-PRIME5SPLC8	PRIMEIRO BLUE	3238	690	2	6	6	6	26	6	3	1	4	0.59%	66.03%	A
78	SIGNATURE	SPT7M-VLNO75SGIA84	VALINO GREEN	2144	489	2	6	6	6	26	6	3	1	4	0.59%	66.62%	A
79	SIGNATURE	SI-6A-001903SGIBCO	GLOSSY WHITE	2114	851	2	6	6	6	22	9	2	1	3	0.44%	67.06%	A
80	SIGNATURE	SI-9K-NJRL15SG2A80	NEO JURAL GREY	2267	160	2	6	6	6	29	2	3	1	4	0.59%	67.65%	A
81	SIGNATURE	SPT7M-VLNO15SGIA84	VALINO GREY	1640	900	2	6	6	6	20	11	2	1	3	0.44%	68.09%	A
82	SIGNATURE	SPT7M-PLC37SGIA84	PALACE DECO BEIGE	2044	350	2	6	6	6	25	5	3	1	4	0.59%	68.69%	A
83	SPECTRUM	SLP6B-PRIME15SPLC8	PRIMEIRO GREY	3428	335	2	6	6	6	27	3	3	1	4	0.59%	69.28%	A
84	SIGNATURE	SKVAB-FNC35SGIA56	FRANCIS BEIGE, 0.9M2/BOX	2016	447	3	6	6	6	36	8	2	1	3	0.44%	69.72%	A
85	SIGNATURE	SP-7G-BRIL65SGIA96	BRILLO BLUE	2289	391	2	6	6	6	24	5	2	1	3	0.44%	70.16%	A
86	SIGNATURE	SPT7C-DMND15SGIA84	DIAMOND GREY	1642	734	2	6	6	6	20	9	2	1	3	0.44%	70.61%	A
87	SIGNATURE	SI-9M-NHLW55SGIA80	NEO HOLYWOOD BROWN	1600	709	2	6	6	6	20	9	2	1	3	0.44%	71.05%	A
88	SPECTRUM	SI-7G-CHR65SPLA80	CHARADE BLUE	2002	613	2	6	6	6	21	7	2	1	3	0.44%	71.49%	A
89	SIGNATURE	SPT7M-PLC65SG2A84	PALACE BLUE	1904	363	2	6	6	6	23	5	2	1	3	0.44%	71.94%	A
90	SIGNATURE	SP-7G-URBNI5SGIA96	URBAN GREY	2138	388	2	6	6	6	23	5	2	1	3	0.44%	72.38%	A

NO	BRAND	MATERIAL	MATERIAL DESCRIPTION	ITEM				THROUGHPUT							KLASIFIKASI FREKUENSI		
				AVRG IN (BOX)	AVRG OUT (BOX)	MAX LIFT (PALLET)	Σ FORKLIFT IN	Σ FORKLIFT OUT	AVRG IN (PALLET)	AVRG OUT (PALLET)	T IN	T OUT	TOTAL	% Throughput	Σ % Throughput	Klasifikasi Frekuensi	
91	SPECTRUM	SLP6B-PRIME35SP1LC8	PRIMEIRO BEIGE	2778	672	2	6	6	6	22	5	2	1	3	0,44%	72,82%	A
92	SPECTRUM	SLP6M-CLSA75SP1LC8	CELOSIA GREEN	2778	632	2	6	6	6	22	6	2	1	3	0,44%	73,26%	A
93	SIGNATURE	SPT7A-001902SG1A84	GLOSSY WHITE	1528	589	2	6	6	6	19	8	2	1	3	0,44%	73,71%	A
94	SPECTRUM	SL-7G-ONTTR65SP1A0	ONTARIO BLUE	2005	600	2	6	6	6	21	6	2	1	3	0,44%	74,15%	A
95	SPECTRUM	SLP6B-PRIM35SP1LC8	PRIMA BEIGE	2298	1056	2	6	6	6	18	9	2	1	3	0,44%	74,59%	A
96	SPECTRUM	SL-9B-DANNV35SP2A80	DANVER BEIGE	1678	342	2	6	6	6	21	5	2	1	3	0,44%	75,04%	A
97	SPECTRUM	SL-9B-DANNV15SP2A80	DANVER GREY	1616	362	2	6	6	6	21	5	2	1	3	0,44%	75,48%	A
98	SIGNATURE	SK-VAB-AQLA15SG1A56	AQUILA GRIGIO, 0,9M2/BOX	1794	324	3	6	6	6	33	6	2	1	3	0,44%	75,92%	A
99	SPECTRUM	SK-8A-003906SP4B99	PREMIUM WHITE	588	1956	2	6	6	6	6	20	1	2	3	0,44%	76,37%	A
100	SPECTRUM	SLP6B-PRIM75SP1LC8	PRIMA GREEN	2286	1024	2	6	6	6	18	8	2	1	3	0,44%	76,81%	A
101	SIGNATURE	SL-9R-NJRL15SG2A80	NEO JURAL MOCHA	1722	200	2	6	6	6	22	3	2	1	3	0,44%	77,25%	A
102	SIGNATURE	SPT7M-PLICE35SG2A84	PALACE BEIGE	1523	398	2	6	6	6	19	5	2	1	3	0,44%	77,70%	A
103	SPECTRUM	SL-7R-NRTH37SP2A0	NORTHDRIDGE OI TAUPE	1927	345	2	6	6	6	20	4	2	1	3	0,44%	78,14%	A
104	SIGNATURE	SPT7L-PRDI35SG1A84	PARADISEA BEIGE	1646	283	2	6	6	6	20	4	2	1	3	0,44%	78,58%	A
105	SIGNATURE	SPT7L-UNVL16SG2A84	UNIVERSALE ART GREY	1512	446	2	6	6	6	18	6	2	1	3	0,44%	79,03%	A
106	SPECTRUM	SLP6M-IRIS85SP1LC8	IRIS PINK	2404	431	2	6	6	6	19	4	2	1	3	0,44%	79,47%	A
107	SIGNATURE	SPT7B-VEGA15SG1A84	VEGA GREY	1154	693	2	6	6	6	14	9	2	1	3	0,44%	79,91%	A
108	SPECTRUM	SLP6B-NRON35SP1LC8	NERON BEIGE	2078	545	2	6	6	6	17	5	2	1	3	0,44%	80,35%	B
109	SPECTRUM	SLP6M-CLSA85SP1LC8	CELOSIA PINK	2289	459	2	6	6	6	18	4	2	1	3	0,44%	80,80%	B
110	SPECTRUM	SLP6B-NRON85SP1LC8	NERON PINK	2186	475	2	6	6	6	18	4	2	1	3	0,44%	81,24%	B
111	SPECTRUM	SL-7G-ONTTR75SP1A0	ONTARIO GREEN	1624	400	2	6	6	6	17	4	2	1	3	0,44%	81,68%	B
112	SPECTRUM	SLP6M-IRIS65SP1LC8	IRIS BLUE	1718	542	2	6	6	6	14	5	2	1	3	0,44%	82,13%	B
113	SPECTRUM	SLP6B-NRON15SP1LC8	NERON GREY	1847	437	2	6	6	6	15	4	2	1	3	0,44%	82,57%	B
114	SIGNATURE	SKVAB-SPLD05SG1A56	SPLENDOR BIANCO, 0,9M2/BOX	978	436	3	6	6	6	18	8	1	1	2	0,30%	82,87%	B
115	SPECTRUM	SLP6M-CLSA35SP1LC8	CELOSIA BEIGE	1496	749	2	6	6	6	12	6	1	1	2	0,30%	83,16%	B
116	SPECTRUM	SLP6M-CLSA55SP1LC8	IRIS GREEN	1790	470	2	6	6	6	14	4	2	1	3	0,44%	83,60%	B
117	SPECTRUM	SLP6B-NRON65SP1LC8	NERON BLUE	1440	522	2	6	6	6	12	5	1	1	2	0,30%	83,90%	B
118	SPECTRUM	SK-8R-BSLT165SPPA99	BASALT BLUE	248	1287	2	6	6	6	3	13	1	2	3	0,44%	84,34%	B
119	SPECTRUM	SK-8B-NSND15SP3A99	NEO SANDER GREY	699	764	2	6	6	6	8	8	1	1	2	0,30%	84,64%	B
120	SIGNATURE	SK-9R-SDST35SG1A99	SANDSTONE BEIGE	726	471	2	6	6	6	10	5	1	1	2	0,30%	84,93%	B
121	SPECTRUM	SLP6M-CLSA65SP1LC8	CELOSIA BLUE	1036	536	2	6	6	6	9	5	1	1	2	0,30%	85,23%	B
122	SIGNATURE	SP-7R-CLESI18SG2A96	CELESTE DARK GREY	1022	160	2	6	6	6	11	2	1	1	2	0,30%	85,52%	B
123	SPECTRUM	SK-8B-ML-GA15PPA99	MALAGA BEIGE	423	792	2	6	6	6	5	8	1	1	2	0,30%	85,82%	B
124	SPECTRUM	SK-8B-ML-GA35PPA99	MALAGA BEIGE	665	495	2	6	6	6	7	5	1	1	2	0,30%	86,12%	B
125	SIGNATURE	SKVAB-GLNA55SG1A56	GLOSSY WHITE, 0,9M2/BOX	457	356	3	6	6	6	356	3	7	1	2	0,30%	86,71%	B
126	SIGNATURE	SPT7C-DMND16SG1A84	DIAMOND ART GREY	420	340	2	6	6	6	5	5	1	1	2	0,30%	86,71%	B
127	SIGNATURE	SKVAB-GLNA55SG1A56	GALENA BROWN, 0,9M2/BOX	350	291	3	6	6	6	6	7	1	1	2	0,30%	87,00%	B
128	SIGNATURE	SKVAB-GLNA54SG1A56	GALENA LIGHT BROWN, 0,9M2/B	252	369	3	6	6	6	5	7	1	1	2	0,30%	87,30%	B
129	SIGNATURE	SL-6A-001941SG2AC0	PASTEL BISCUIT	726	193	2	6	6	6	8	2	1	1	2	0,30%	87,59%	B
130	SPECTRUM	SLP6B-PRIM15SP1LC8	PRIMA PINK	156	1012	2	6	6	6	2	8	1	1	2	0,30%	87,89%	B
131	SIGNATURE	SL-9R-ARKN17SG2A80	ARKANSAS STONE	718	718	2	6	6	6	6	6	0	1	1	0,15%	88,04%	B
132	SIGNATURE	SK-8R-BRST06SG2A99	BRISTOL WHITE	874	2	6	6	6	6	9	0	1	1	1	0,15%	88,18%	B
133	SIGNATURE	SL-9C-NLGS15SG1A80	NEO LAGOS GREY	704	2	6	6	6	6	9	0	1	1	1	0,15%	88,33%	B
134	SIGNATURE	SL-9C-NRTW56SG1A80	NORTH WOOD TOBACCO	708	2	6	6	6	6	9	0	1	1	1	0,15%	88,48%	B
135	SPECTRUM	SL-9E-BETA15SPPA80	NEO BETHA GREY	19	552	2	6	6	6	1	7	1	1	2	0,30%	88,77%	B

NO	BRAND	MATERIAL	MATERIAL DESCRIPTION	ITEM			THROUGHPUT							KLASIFIKASI FREKUENSI			
				AVRG IN (BOX)	AVRG OUT (BOX)	MAXLIFT (PALLET)	Σ FORKLIFT IN	Σ FORKLIFT OUT	AVRG IN (PALLET)	AVRG OUT (PALLET)	T IN	T OUT	TOTAL	% Throughput	Σ % Throughput	Klasifikasi Frekuensi	
136	SIGNATURE	SI-9A-001902SG2A80	GLOSSY WHITE		640	2	6	6	6	8	0	1	1	1	0.15%	88,92%	B
137	SIGNATURE	SI-9R-SDTS35SGIA80	SANDSTONE BEIGE		637	2	6	6	6	8	0	1	1	1	0.15%	89,07%	B
138	SIGNATURE	SI-9R-STLY35SGIA80	STANLEY BEIGE		608	2	6	6	6	8	0	1	1	1	0.15%	89,22%	B
139	SIGNATURE	SI-9R-ARBC18SGIA80	ARABESCO STONE		504	2	6	6	6	7	0	1	1	1	0.15%	89,36%	B
140	SPECTRUM	SL-7G-CHRD75SP1AA0	CHARADE GREEN		545	2	6	6	6	1	6	1	1	2	0.30%	89,66%	B
141	SIGNATURE	SP17C-DMND36SGIA84	DIAMOND ART BEIGE		400	2	6	6	6	2	5	1	1	2	0.30%	89,96%	B
142	SIGNATURE	SP17B-LVAD05SG2A84	LAVANDA BIANCO		469	2	6	6	6	1	6	1	1	2	0.30%	90,25%	B
143	SIGNATURE	SPTM4LYRA57SGIA84	LYRA DECO BROWN		475	2	6	6	6	1	6	1	1	2	0.30%	90,55%	B
144	SIGNATURE	SI-9M-NDWD55SGIA80	NEO DREAMWOOD BROWN		522	2	6	6	6	7	0	1	1	1	0.15%	90,69%	B
145	SPECTRUM	SL-7G-CHRD15SP1AA0	CHARADE GREY		490	2	6	6	6	1	5	1	1	2	0.30%	90,99%	B
146	SPECTRUM	SL-7R-RIDV45SP2AA0	RIDGEVIEW CREAM		459	2	6	6	6	1	5	1	1	2	0.30%	91,29%	B
147	SIGNATURE	SI-9G-EDNA56SGIA80	EDNA TERRACOTA		405	2	6	6	6	6	0	1	1	1	0.15%	91,43%	B
148	SIGNATURE	SI-9R-GSTN15SGIA80	GEOSTONE GRIGIO		480	2	6	6	6	6	0	1	1	1	0.15%	91,58%	B
149	SIGNATURE	SI-9G-NLGS55SGIA80	NEO LAGOS BEIGE		458	2	6	6	6	6	0	1	1	1	0.15%	91,73%	B
150	SIGNATURE	SI-9G-RVST38SGIA80	RIVERSTONE GOLD		430	2	6	6	6	6	0	1	1	1	0.15%	91,88%	B
151	SIGNATURE	SI-9R-SDLY35SGIA80	SIDLEY BEIGE		410	2	6	6	6	6	0	1	1	1	0.15%	92,02%	B
152	SIGNATURE	SI-9R-STLY15SGIA80	STANLEY GRIGIO		449	2	6	6	6	6	0	1	1	1	0.15%	92,17%	B
153	SIGNATURE	SPTAB-TRST35SGIA72	TRIESTE BEIGE		384	2	6	6	6	6	0	1	1	1	0.15%	92,32%	B
154	SIGNATURE	SI-9M-AGWD55SGIA80	ANGEL WOOD BROWN		377	2	6	6	6	5	0	1	1	1	0.15%	92,47%	B
155	SIGNATURE	SI-9R-ARBC58SGIA80	ARABESCO MOCHA		376	2	6	6	6	5	0	1	1	1	0.15%	92,61%	B
156	SPECTRUM	SLP6M-IRIS55SP2LC8	IRIS BEIGE		628	2	6	6	6	5	0	1	1	1	0.15%	92,76%	B
157	SIGNATURE	SI-9R-SDLY15SGIA80	SIDLEY GREY		340	2	6	6	6	5	0	1	1	1	0.15%	92,91%	B
158	SIGNATURE	SKVAM-FDNE35SGIA56	DANISE BEIGE, 0.9M2/BOX		262	3	6	6	6	5	0	1	1	1	0.15%	93,06%	B
159	SIGNATURE	SK-8G-ABDN15SGIA99	ABERDEEN GREY		330	2	6	6	6	6	0	1	1	1	0.15%	93,21%	B
160	SIGNATURE	SKVAB-ABST35SGIA56	ALABASTRO BEIGE, 0.9M2/BOX		224	3	6	6	6	4	0	1	1	1	0.15%	93,35%	B
161	SIGNATURE	SK-8G-BACN15SGIA99	BALCON GRIGIO		322	2	6	6	6	4	0	1	1	1	0.15%	93,50%	B
162	SIGNATURE	SK-8R-CLES19SG2A99	CELESTE DARK GREY		367	2	6	6	6	4	0	1	1	1	0.15%	93,65%	B
163	SIGNATURE	SI-9R-EVRS33SGIA80	EVEREST SAND		307	2	6	6	6	4	0	1	1	1	0.15%	93,80%	B
164	SIGNATURE	SI-9R-EVRS34SGIA80	EVEREST TAUPE		273	2	6	6	6	4	0	1	1	1	0.15%	93,94%	B
165	SIGNATURE	SI-9A-001945SG2A80	GLOSSY CREAM		267	2	6	6	6	4	0	1	1	1	0.15%	94,09%	B
166	SIGNATURE	SPTAM-LVNZ28SGIA72	LIVENZA DECO GIALLO		252	2	6	6	6	4	0	1	1	1	0.15%	94,24%	B
167	SIGNATURE	SPTAM-LVNZ17SGIA72	LIVENZA DECO GRIGIO		264	2	6	6	6	4	0	1	1	1	0.15%	94,39%	B
168	SIGNATURE	SK-8R-NBST08SGIA99	NEO BRISTOL WHITE		342	2	6	6	6	4	0	1	1	1	0.15%	94,53%	B
169	SIGNATURE	SK-8R-NCL15SGIA99	NEO CELESTE GREY		360	2	6	6	6	4	0	1	1	1	0.15%	94,68%	B
170	SIGNATURE	SK-8G-ORCT65SGIA99	ORTEGA BROWN		341	2	6	6	6	4	0	1	1	1	0.15%	94,83%	B
171	SIGNATURE	SP17L-UNVL36SG2A84	UNIVERSALE ART BEIGE		305	2	6	6	6	4	0	1	1	1	0.15%	94,98%	B
172	SIGNATURE	SI-9M-WLW56SGIA80	WILLOW MOCHA		288	2	6	6	6	4	0	1	1	1	0.15%	95,13%	C
173	SIGNATURE	SK-8G-BACN47SGIA99	BALCON NATURA		283	2	6	6	6	3	0	1	1	1	0.15%	95,27%	C
174	SIGNATURE	SI-9M-BJ5A47SGIA80	BALSA NATURA		218	2	6	6	6	3	0	1	1	1	0.15%	95,42%	C
175	SIGNATURE	SI-9B-BREC16SG2A80	BRECCIA CREAM		187	2	6	6	6	3	0	1	1	1	0.15%	95,57%	C
176	SIGNATURE	SI-9C-CLTA37SG2A80	CALACATTA GOLD		224	2	6	6	6	3	0	1	1	1	0.15%	95,72%	C
177	SPECTRUM	SLP6M-CSNT35PILC8	CRISANTA BEIGE		299	2	6	6	6	3	0	1	1	1	0.15%	95,86%	C
178	SIGNATURE	SI-9R-EVRS48SGIA80	EVEREST NERO		239	2	6	6	6	3	0	1	1	1	0.15%	96,01%	C
179	SIGNATURE	SP17L-KNCN75SGIA84	KENCANA ART VERDE		200	2	6	6	6	3	0	1	1	1	0.15%	96,16%	C
180	SIGNATURE	SK-8R-MARC19SGIA99	MARECCHIA DARK GREY		297	2	6	6	6	3	0	1	1	1	0.15%	96,31%	C

NO	BRAND	MATERIAL	MATERIAL DESCRIPTION	ITEM		THROUGHPUT										KLASIFIKASI FREKUENSI		
				AVRG IN (BOX)	AVRG OUT (BOX)	MAXLIFT (PALLET)	Σ FORKLIFT IN	Σ FORKLIFT OUT	AVRG IN (PALLET)	AVRG OUT (PALLET)	T IN	T OUT	TOTAL	% Throughput	Σ % Throughput	Klasifikasi Frekuensi		
181	SIGNATURE	SK-8A-00130SG2A99	MATTE BLACK		218	2	6	6	6		3	0	1	1	1	0,15%	96,45%	C
182	SPECTRUM	SLP6M-MDR165SP1LC8	MIDORI WHITE		221	2	6	6	6		3	0	1	1	1	0,15%	96,60%	C
183	SPECTRUM	SLP6M-MDR165SP1LC8	MIDORI BLUE		275	2	6	6	6		3	0	1	1	1	0,15%	96,75%	C
184	SPECTRUM	SLP6M-MDR175P1LC8	MIDORI GREEN		333	2	6	6	6		3	0	1	1	1	0,15%	96,90%	C
185	SIGNATURE	SK-8G-ORTG55SG1A99	ORTEGA BEIGE		268	2	6	6	6		3	0	1	1	1	0,15%	97,05%	C
186	SIGNATURE	SK-8R-SDST36SG1A99	SANDSTONE BEIGE - NW		248	2	6	6	6		3	0	1	1	1	0,15%	97,19%	C
187	SIGNATURE	SPTAM-TRST17SG1A72	TRIESTE DECO GREY		180	2	6	6	6		3	0	1	1	1	0,15%	97,34%	C
188	SIGNATURE	SK-8G-WNPG15SG2A99	WINNIEPEG GREY		241	2	6	6	6		3	0	1	1	1	0,15%	97,49%	C
189	SIGNATURE	SK-8G-ABDN55SG2A99	ABERDEEN BROWN		179	2	6	6	6		2	0	1	1	1	0,15%	97,64%	C
190	SIGNATURE	SK-8R-ASHM02SG1A99	ASHEN MATTE WHITE		198	2	6	6	6		2	0	1	1	1	0,15%	97,78%	C
191	SIGNATURE	SL-9B-BREC46SG2A80	BRECCIA CREAM		140	2	6	6	6		2	0	1	1	1	0,15%	97,93%	C
192	SIGNATURE	SKVAB-CAL546SG1A56	CALLISTO CREMA, 09M2/BOX		84	3	6	6	6		2	0	1	1	1	0,15%	98,08%	C
193	SIGNATURE	SL-9M-CST055SG1A80	CASETTO BROWN		160	2	6	6	6		2	0	1	1	1	0,15%	98,23%	C
194	SIGNATURE	SL-9M-CDAR55SG1A80	CEDARIA BROWN		120	2	6	6	6		2	0	1	1	1	0,15%	98,38%	C
195	SIGNATURE	SL-9M-CDAR15SG1A80	CEDARIA GREY		144	2	6	6	6		2	0	1	1	1	0,15%	98,52%	C
196	SIGNATURE	SKVAB-CRST35SG1A56	CRISTALYN BEIGE, 09M2/BOX		112	3	6	6	6		2	0	1	1	1	0,15%	98,67%	C
197	SIGNATURE	SK-8R-EVRS00SG1A99	EVEREST NERO		193	2	6	6	6		2	0	1	1	1	0,15%	98,82%	C
198	SIGNATURE	SP-7G-FSTV64SG1A96	FESTIVAL SKY BLUE		180	2	6	6	6		2	0	1	1	1	0,15%	98,97%	C
199	SIGNATURE	SPT7L-KNCN67SG1A84	KENCANA ART VIOLA		101	2	6	6	6		2	0	1	1	1	0,15%	99,11%	C
200	SPECTRUM	SLP6M-MDR155SP1LC8	MIDORI BEIGE		171	2	6	6	6		2	0	1	1	1	0,15%	99,26%	C
201	SIGNATURE	SL-6A-001965SG2AC0	PASTEL BLUE		224	2	6	6	6		2	0	1	1	1	0,15%	99,41%	C
202	SIGNATURE	SK-8R-RIDV39SG1A99	RIDGEVIEW 03 LIGHT GOLD - NW		116	2	6	6	6		2	0	1	1	1	0,15%	99,56%	C
203	SPECTRUM	SK-8R-MI GA 75SP1A99	MALAGA GREEN		99	2	6	6	6		1	0	1	1	1	0,15%	99,70%	C
204	SPECTRUM	SLP6M-MDR185SP1LC8	MIDORI PINK		128	2	6	6	6		1	0	1	1	1	0,15%	99,85%	C
205	SIGNATURE	SPT7M-SF1A65SG1L99	SAFIA BLEND AZZURO		99	2	6	6	6		1	0	1	1	1	0,15%	100,00%	C
206	SIGNATURE	SPT7A-00130SG1A84	MATTE WHITE			2	6	6	6		0	0	0	0	0	0,00%	100,00%	C

Lampiran 15 Perhitungan Jarak Setiap Line

Line A

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
A010	I	28,525	248,575	91,9	262,75	77,55	155,1
	O	28,525	248,575	10	282,35	52,3	
A011	I	28,525	247,275	91,9	262,75	78,85	157,7
	O	28,525	247,275	10	282,35	53,6	
A012	I	28,525	245,975	91,9	262,75	80,15	160,3
	O	28,525	245,975	10	282,35	54,9	
A013	I	28,525	244,675	91,9	262,75	81,45	162,9
	O	28,525	244,675	10	282,35	56,2	
A014	I	28,525	243,375	91,9	262,75	82,75	165,5
	O	28,525	243,375	10	282,35	57,5	
A015	I	28,525	242,075	91,9	262,75	84,05	168,1
	O	28,525	242,075	10	282,35	58,8	
A016	I	28,525	240,775	91,9	262,75	85,35	170,7
	O	28,525	240,775	10	282,35	60,1	
A017	I	28,525	239,475	91,9	262,75	86,65	173,3
	O	28,525	239,475	10	282,35	61,4	
A018	I	28,525	238,175	91,9	262,75	87,95	175,9
	O	28,525	238,175	10	282,35	62,7	
A019	I	28,525	236,875	91,9	262,75	89,25	178,5
	O	28,525	236,875	10	282,35	64	
A020	I	28,525	235,575	91,9	262,75	90,55	181,1
	O	28,525	235,575	10	282,35	65,3	
A021	I	28,525	234,275	91,9	262,75	91,85	183,7
	O	28,525	234,275	10	282,35	66,6	
A022	I	28,525	232,975	91,9	262,75	93,15	186,3
	O	28,525	232,975	10	282,35	67,9	
A023	I	28,525	231,675	91,9	262,75	94,45	188,9
	O	28,525	231,675	10	282,35	69,2	
A024	I	28,525	230,375	91,9	262,75	95,75	191,5
	O	28,525	230,375	10	282,35	70,5	
A025	I	28,525	229,075	91,9	262,75	97,05	194,1
	O	28,525	229,075	10	282,35	71,8	
A026	I	28,525	227,775	91,9	262,75	98,35	196,7
	O	28,525	227,775	10	282,35	73,1	
A027	I	28,525	226,475	91,9	262,75	99,65	199,3
	O	28,525	226,475	10	282,35	74,4	
A028	I	28,525	225,175	91,9	262,75	100,95	201,9
	O	28,525	225,175	10	282,35	75,7	
A029	I	28,525	223,875	91,9	262,75	102,25	204,5
	O	28,525	223,875	10	282,35	77	
A030	I	28,525	222,575	91,9	262,75	103,55	207,1
	O	28,525	222,575	10	282,35	78,3	
A031	I	28,525	221,275	91,9	262,75	104,85	209,7
	O	28,525	221,275	10	282,35	79,6	
A032	I	28,525	219,975	91,9	262,75	106,15	212,3
	O	28,525	219,975	10	282,35	80,9	
A033	I	28,525	218,675	91,9	262,75	107,45	214,9
	O	28,525	218,675	10	282,35	82,2	
A034	I	28,525	217,375	91,9	262,75	108,75	217,5
	O	28,525	217,375	10	282,35	83,5	
A035	I	28,525	216,075	91,9	262,75	110,05	220,1
	O	28,525	216,075	10	282,35	84,8	
A036	I	28,525	214,775	91,9	262,75	111,35	222,7
	O	28,525	214,775	10	282,35	86,1	
A037	I	28,525	213,475	91,9	262,75	112,65	225,3
	O	28,525	213,475	10	282,35	87,4	
A038	I	28,525	212,175	91,9	262,75	113,95	227,9
	O	28,525	212,175	10	282,35	88,7	
A039	I	28,525	210,875	91,9	262,75	115,25	230,5
	O	28,525	210,875	10	282,35	90	
A040	I	28,525	209,575	91,9	262,75	116,55	233,1
	O	28,525	209,575	10	282,35	91,3	
A041	I	28,525	208,275	91,9	262,75	117,85	235,7
	O	28,525	208,275	10	282,35	92,6	
A042	I	28,525	206,975	91,9	262,75	119,15	238,3
	O	28,525	206,975	10	282,35	93,9	
A043	I	28,525	205,675	91,9	262,75	120,45	240,9
	O	28,525	205,675	10	282,35	95,2	
A044	I	28,525	204,375	91,9	262,75	121,75	243,5
	O	28,525	204,375	10	282,35	96,5	
A045	I	28,525	203,075	91,9	262,75	123,05	246,1
	O	28,525	203,075	10	282,35	97,8	
A046	I	28,525	201,775	91,9	262,75	124,35	248,7
	O	28,525	201,775	10	282,35	99,1	
A047	I	28,525	200,475	91,9	262,75	125,65	251,3
	O	28,525	200,475	10	282,35	100,4	
A048	I	28,525	199,175	91,9	262,75	126,95	253,9
	O	28,525	199,175	10	282,35	101,7	
A049	I	28,525	197,875	91,9	262,75	128,25	256,5
	O	28,525	197,875	10	282,35	103	
A050	I	28,525	196,575	91,9	262,75	129,55	259,1
	O	28,525	196,575	10	282,35	104,3	
A051	I	28,525	195,275	91,9	262,75	130,85	261,7
	O	28,525	195,275	10	282,35	105,6	
A052	I	28,525	193,975	91,9	262,75	132,15	264,3
	O	28,525	193,975	10	282,35	106,9	
A053	I	28,525	192,675	91,9	262,75	133,45	266,9
	O	28,525	192,675	10	282,35	108,2	
A054	I	28,525	191,375	91,9	262,75	134,75	269,5
	O	28,525	191,375	10	282,35	109,5	
A055	I	28,525	190,075	91,9	262,75	136,05	272,1
	O	28,525	190,075	10	282,35	110,8	
A056	I	28,525	188,775	91,9	262,75	137,35	274,7
	O	28,525	188,775	10	282,35	112,1	
A057	I	28,525	187,475	91,9	262,75	138,65	277,3
	O	28,525	187,475	10	282,35	113,4	
A058	I	28,525	186,175	91,9	262,75	139,95	279,9
	O	28,525	186,175	10	282,35	114,7	
A059	I	28,525	184,875	91,9	262,75	141,25	282,5
	O	28,525	184,875	10	282,35	116	
A060	I	28,525	183,575	91,9	262,75	142,55	285,1
	O	28,525	183,575	10	282,35	117,3	
A061	I	28,525	182,275	91,9	262,75	143,85	287,7
	O	28,525	182,275	10	282,35	118,6	
A062	I	28,525	180,975	91,9	262,75	145,15	290,3
	O	28,525	180,975	10	282,35	119,9	
A063	I	28,525	179,675	91,9	262,75	146,45	292,9
	O	28,525	179,675	10	282,35	121,2	
A064	I	28,525	178,375	91,9	262,75	147,75	295,5
	O	28,525	178,375	10	282,35	122,5	
A065	I	28,525	177,075	91,9	262,75	149,05	298,1
	O	28,525	177,075	10	282,35	123,8	
A066	I	28,525	175,775	91,9	262,75	150,35	300,7
	O	28,525	175,775	10	282,35	125,1	
A067	I	28,525	174,475	91,9	262,75	151,65	303,3
	O	28,525	174,475	10	282,35	126,4	
A068	I	28,525	173,175	91,9	262,75	152,95	305,9
	O	28,525	173,175	10	282,35	127,7	
A069	I	28,525	171,875	91,9	262,75	154,25	308,5
	O	28,525	171,875	10	282,35	129	
A070	I	28,525	170,575	91,9	262,75	155,55	311,1
	O	28,525	170,575	10	282,35	130,3	
A071	I	28,525	169,275	91,9	262,75	156,85	313,7
	O	28,525	169,275	10	282,35	131,6	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
A072	I	28,525	167,975	91,9	262,75	158,15	316,3
	O	28,525	167,975	10	282,35	132,9	
A073	I	28,525	166,675	91,9	262,75	159,45	318,9
	O	28,525	166,675	10	282,35	134,2	
A074	I	28,525	165,375	91,9	262,75	160,75	321,5
	O	28,525	165,375	10	282,35	135,5	
A075	I	28,525	164,075	91,9	262,75	162,05	324,1
	O	28,525	164,075	10	282,35	136,8	
A076	I	28,525	162,775	91,9	262,75	163,35	326,7
	O	28,525	162,775	10	282,35	138,1	
A077	I	28,525	161,475	91,9	262,75	164,65	329,3
	O	28,525	161,475	10	282,35	139,4	
A078	I	28,525	160,175	91,9	262,75	165,95	331,9
	O	28,525	160,175	10	282,35	140,7	
A079	I	28,525	158,875	91,9	262,75	167,25	334,5
	O	28,525	158,875	10	282,35	142	
A080	I	28,525	157,575	91,9	262,75	168,55	337,1
	O	28,525	157,575	10	282,35	143,3	
A081	I	28,525	156,275	91,9	262,75	169,85	339,7
	O	28,525	156,275	10	282,35	144,6	
A082	I	28,525	154,975	91,9	262,75	171,15	342,3
	O	28,525	154,975	10	282,35	145,9	
A083	I	28,525	153,675	91,9	262,75	172,45	344,9
	O	28,525	153,675	10	282,35	147,2	
A084	I	28,525	152,375	91,9	262,75	173,75	347,5
	O	28,525	152,375	10	282,35	148,5	
A085	I	28,525	151,075	91,9	262,75	175,05	350,1
	O	28,525	151,075	10	282,35	149,8	
A086	I	28,525	149,775	91,9	262,75	176,35	352,7
	O	28,525	149,775	10	282,35	151,1	
A087	I	28,525	148,475	91,9	262,75	177,65	355,3
	O	28,525	148,475	10	282,35	152,4	
A088	I	28,525	147,175	91,9	262,75	178,95	357,9
	O	28,525	147,175	10	282,35	153,7	
A089	I	28,525	145,875	91,9	262,75	180,25	360,5
	O	28,525	145,875	10	282,35	155	
A090	I	28,525	144,575	91,9	262,75	181,55	363,1
	O	28,525	144,575	10	282,35	156,3	
A091	I	28,525	143,275	91,9	262,75	182,85	365,7
	O	28,525	143,275	10	282,35	157,6	
A092	I	28,525	141,975	91,9	262,75	184,15	368,3
	O	28,525	141,975	10	282,35	158,9	
A093	I	28,525	140,675	91,9	262,75	185,45	370,9
	O	28,525	140,675	10	282,35	160,2	
A094	I	28,525	139,375	91,9	262,75	186,75	373,5
	O	28,525	139,375	10	282,35	161,5	
A095	I	28,525	138,075	91,9	262,75	188,05	376,1
	O	28,525	138,075	10	282,35	162,8	
A096	I	28,525	136,775	91,9	262,75	189,35	378,7
	O	28,525	136,775	10	282,35	164,1	
A097	I	28,525	135,475	91,9	262,75	190,65	381,3
	O	28,525	135,475	10	282,35	165,4	
A098	I	28,525	134,175	91,9	262,75	191,95	383,9
	O	28,525	134,175	10	282,35	166,7	
A099	I	28,525	132,875	91,9	262,75	193,25	386,5
	O	28,525	132,875	10	282,35	168	
A100	I	28,525	131,575	91,9	262,75	194,55	389,1
	O	28,525	131,575	10	282,35	169,3	
A101	I	28,525	130,275	91,9	262,75	195,85	391,7
	O	28,525	130,275	10	282,35	170,6	
A102	I	28,525	128,975	91,9	262,75	197,15	394,3
	O	28,525	128,975	10	282,35	171,9	
A103	I	28,525	127,675	91,9	262,75	198,45	396,9
	O	28,525	127,675	10	282,35	173,2	
A104	I	28,525	126,375	91,9	262,75	199,75	399,5
	O	28,525	126,375	10	282,35	174,5	
A105	I	28,525	125,075	91,9	262,75	201,05	402,1
	O	28,525	125,075	10	282,35	175,8	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
A106	I	28,525	123,775	91,9	262,75	202,35	404,7
	O	28,525	123,775	10	282,35	177,1	
A107	I	28,525	122,475	91,9	262,75	203,65	407,3
	O	28,525	122,475	10	282,35	178,4	
A108	I	28,525	121,175	91,9	262,75	204,95	409,9
	O	28,525	121,175	10	282,35	179,7	
A109	I	28,525	119,875	91,9	262,75	206,25	412,5
	O	28,525	119,875	10	282,35	181	
A110	I	28,525	118,575	91,9	262,75	207,55	415,1
	O	28,525	118,575	10	282,35	182,3	
A111	I	28,525	117,275	91,9	262,75	208,85	417,7
	O	28,525	117,275	10	282,35	183,6	
A112	I	28,525	115,975	91,9	262,75	210,15	420,3
	O	28,525	115,975	10	282,35	184,9	
A113	I	28,525	114,675	91,9	262,75	211,45	422,9
	O	28,525	114,675	10	282,35	186,2	
A114	I	28,525	113,375	91,9	262,75	212,75	425,5
	O	28,525	113,375	10	282,35	187,5	
A115	I	28,525	112,075	91,9	262,75	214,05	428,1
	O	28,525	112,075	10	282,35	188,8	
A116	I	28,525	110,775	91,9	262,75	215,35	430,7
	O	28,525	110,775	10	282,35	190,1	
A117	I	28,525	109,475	91,9	262,75	216,65	433,3
	O	28,525	109,475	10	282,35	191,4	
A118	I	28,525	108,175	91,9	262,75	217,95	435,9
	O	28,525	108,175	10	282,35	192,7	
A119	I	28,525	106,875	91,9	262,75	219,25	438,5
	O	28,525	106,875	10	282,35	194	
A120	I	28,525	105,575	91,9	262,75	220,55	441,1
	O	28,525	105,575	10	282,35	195,3	
A121	I	28,525	104,275	91,9	262,75	221,85	443,7
	O	28,525	104,275	10	282,35	196,6	
A122	I	28,525	102,975	91,9	262,75	223,15	446,3
	O	28,525	102,975	10	282,35	197,9	
A123	I	28,525	101,675	91,9	262,75	224,45	448,9
	O	28,525	101,675	10	282,35	199,2	
A124	I	28,525	100,375	91,9	262,75	225,75	451,5
	O	28,525	100,375	10	282,35	200,5	
A125	I	28,525	99,075	91,9	262,75	227,05	454,1
	O	28,525	99,075	10	282,35	201,8	
A126	I	28,525	97,775	91,9	262,75	228,35	456,7
	O	28,525	97,775	10	282,35	203,1	
A127	I	28,525	96,475	91,9	262,75	229,65	459,3
	O	28,525	96,475	10	282,35	204,4	
A128	I	28,525	95,175	91,9	262,75	230,95	461,9
	O	28,525	95,175	10	282,35	205,7	
A129	I	28,525	93,875	91,9	262,75	232,25	464,5
	O	28,525	93,875	10	282,35	207	
A130	I	28,525	92,575	91,9	262,75	233,55	467,1
	O	28,525	92,575	10	282,35	208,3	
A131	I	28,525	91,275	91,9	262,75	234,85	469,7
	O	28,525	91,275	10	282,35	209,6	
A132	I	28,525	89,975	91,9	262,75	236,15	472,3
	O	28,525	89,975	10	282,35	210,9	
A133	I	28,525	88,675	91,9	262,75	237,45	474,9
	O	28,525	88,675	10	282,35	212,2	
A134	I	28,525	87,375	91,9	262,75	238,75	477,5
	O	28,525	87,375	10	282,35	213,5	
A135	I	28,525	86,075	91,9	262,75	240,05	480,1
	O	28,525	86,075	10	282,35	214,8	
A136	I	28,525	84,775	91,9	262,75	241,35	482,7
	O	28,525	84,775	10	282,35	216,1	
A137	I	28,525	83,475	91,9	262,75	242,65	485,3
	O	28,525	83,475	10	282,35	217,4	
A138	I	28,525	82,175	91,9	262,75	243,95	487,9
	O	28,525	82,175	10	282,35	218,7	
A139	I	28,525	80,875	91,9	262,75	245,25	490,5
	O	28,525	80,875	10	282,35	220	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
A140	I	28,525	79,575	91,9	262,75	246,55	493,1
	O	28,525	79,575	10	282,35	221,3	
A141	I	28,525	78,275	91,9	262,75	247,85	495,7
	O	28,525	78,275	10	282,35	222,6	
A142	I	28,525	76,975	91,9	262,75	249,15	498,3
	O	28,525	76,975	10	282,35	223,9	
A143	I	28,525	75,675	91,9	262,75	250,45	500,9
	O	28,525	75,675	10	282,35	225,2	
A144	I	28,525	74,375	91,9	262,75	251,75	503,5
	O	28,525	74,375	10	282,35	226,5	
A145	I	28,525	73,075	91,9	262,75	253,05	506,1
	O	28,525	73,075	10	282,35	227,8	
A146	I	28,525	71,775	91,9	262,75	254,35	508,7
	O	28,525	71,775	10	282,35	229,1	
A147	I	28,525	70,475	91,9	262,75	255,65	511,3
	O	28,525	70,475	10	282,35	230,4	
A148	I	28,525	69,175	91,9	262,75	256,95	513,9
	O	28,525	69,175	10	282,35	231,7	
A149	I	28,525	67,875	91,9	262,75	258,25	516,5
	O	28,525	67,875	10	282,35	233	
A150	I	28,525	66,575	91,9	262,75	259,55	519,1
	O	28,525	66,575	10	282,35	234,3	
A151	I	28,525	65,275	91,9	262,75	260,85	521,7
	O	28,525	65,275	10	282,35	235,6	
A152	I	28,525	63,975	91,9	262,75	262,15	524,3
	O	28,525	63,975	10	282,35	236,9	
A153	I	28,525	62,675	91,9	262,75	263,45	526,9
	O	28,525	62,675	10	282,35	238,2	
A154	I	28,525	61,375	91,9	262,75	264,75	529,5
	O	28,525	61,375	10	282,35	239,5	
A155	I	28,525	60,075	91,9	262,75	266,05	532,1
	O	28,525	60,075	10	282,35	240,8	
A156	I	28,525	58,775	91,9	262,75	267,35	534,7
	O	28,525	58,775	10	282,35	242,1	
A157	I	28,525	57,475	91,9	262,75	268,65	537,3
	O	28,525	57,475	10	282,35	243,4	
A158	I	28,525	56,175	91,9	262,75	269,95	539,9
	O	28,525	56,175	10	282,35	244,7	
A159	I	28,525	54,875	91,9	262,75	271,25	542,5
	O	28,525	54,875	10	282,35	246	
A160	I	28,525	53,575	91,9	262,75	272,55	545,1
	O	28,525	53,575	10	282,35	247,3	
A161	I	28,525	52,275	91,9	262,75	273,85	547,7
	O	28,525	52,275	10	282,35	248,6	
A162	I	28,525	50,975	91,9	262,75	275,15	550,3
	O	28,525	50,975	10	282,35	249,9	
A163	I	28,525	49,675	91,9	262,75	276,45	552,9
	O	28,525	49,675	10	282,35	251,2	
A164	I	28,525	48,375	91,9	262,75	277,75	555,5
	O	28,525	48,375	10	282,35	252,5	
A165	I	28,525	47,075	91,9	262,75	279,05	558,1
	O	28,525	47,075	10	282,35	253,8	
A166	I	28,525	45,775	91,9	262,75	280,35	560,7
	O	28,525	45,775	10	282,35	255,1	
A167	I	28,525	44,475	91,9	262,75	281,65	563,3
	O	28,525	44,475	10	282,35	256,4	
A168	I	28,525	43,175	91,9	262,75	282,95	565,9
	O	28,525	43,175	10	282,35	257,7	
A169	I	28,525	41,875	91,9	262,75	284,25	568,5
	O	28,525	41,875	10	282,35	259	
A170	I	28,525	40,575	91,9	262,75	285,55	571,1
	O	28,525	40,575	10	282,35	260,3	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
A171	I	28,525	39,275	91,9	262,75	286,85	573,7
	O	28,525	39,275	10	282,35	261,6	
A172	I	28,525	37,975	91,9	262,75	288,15	576,3
	O	28,525	37,975	10	282,35	262,9	
A173	I	28,525	36,675	91,9	262,75	289,45	578,9
	O	28,525	36,675	10	282,35	264,2	
A174	I	28,525	35,375	91,9	262,75	290,75	581,5
	O	28,525	35,375	10	282,35	265,5	
A175	I	28,525	34,075	91,9	262,75	292,05	584,1
	O	28,525	34,075	10	282,35	266,8	
A176	I	28,525	32,775	91,9	262,75	293,35	586,7
	O	28,525	32,775	10	282,35	268,1	
A177	I	28,525	31,475	91,9	262,75	294,65	589,3
	O	28,525	31,475	10	282,35	269,4	
A178	I	28,525	30,175	91,9	262,75	295,95	591,9
	O	28,525	30,175	10	282,35	270,7	
A179	I	28,525	28,875	91,9	262,75	297,25	594,5
	O	28,525	28,875	10	282,35	272	
A180	I	28,525	27,575	91,9	262,75	298,55	597,1
	O	28,525	27,575	10	282,35	273,3	
A181	I	28,525	26,275	91,9	262,75	299,85	599,7
	O	28,525	26,275	10	282,35	274,6	
A182	I	28,525	24,975	91,9	262,75	301,15	602,3
	O	28,525	24,975	10	282,35	275,9	
A183	I	28,525	23,675	91,9	262,75	302,45	604,9
	O	28,525	23,675	10	282,35	277,2	
A184	I	28,525	22,375	91,9	262,75	303,75	607,5
	O	28,525	22,375	10	282,35	278,5	
A185	I	28,525	21,075	91,9	262,75	305,05	610,1
	O	28,525	21,075	10	282,35	279,8	
A186	I	28,525	19,775	91,9	262,75	306,35	612,7
	O	28,525	19,775	10	282,35	281,1	
A187	I	28,525	18,475	91,9	262,75	307,65	615,3
	O	28,525	18,475	10	282,35	282,4	
A188	I	28,525	17,175	91,9	262,75	308,95	617,9
	O	28,525	17,175	10	282,35	283,7	
A189	I	28,525	15,875	91,9	262,75	310,25	620,5
	O	28,525	15,875	10	282,35	285	
A190	I	28,525	14,575	91,9	262,75	311,55	623,1
	O	28,525	14,575	10	282,35	286,3	
A191	I	28,525	13,275	91,9	262,75	312,85	625,7
	O	28,525	13,275	10	282,35	287,6	
A192	I	28,525	11,975	91,9	262,75	314,15	628,3
	O	28,525	11,975	10	282,35	288,9	
A193	I	28,525	10,675	91,9	262,75	315,45	630,9
	O	28,525	10,675	10	282,35	290,2	
A194	I	28,525	9,375	91,9	262,75	316,75	633,5
	O	28,525	9,375	10	282,35	291,5	
A195	I	28,525	8,075	91,9	262,75	318,05	636,1
	O	28,525	8,075	10	282,35	292,8	
A196	I	28,525	6,775	91,9	262,75	319,35	638,7
	O	28,525	6,775	10	282,35	294,1	
A197	I	28,525	5,475	91,9	262,75	320,65	641,3
	O	28,525	5,475	10	282,35	295,4	
A198	I	28,525	4,175	91,9	262,75	321,95	643,9
	O	28,525	4,175	10	282,35	296,7	
A199	I	28,525	2,875	91,9	262,75	323,25	646,5
	O	28,525	2,875	10	282,35	298	
A200	I	28,525	1,575	91,9	262,75	324,55	649,1
	O	28,525	1,575	10	282,35	299,3	

Line B

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
B010	I	42,47	248,58	91,9	262,75	63,61	127,21
	O	42,47	248,58	10	282,35	66,24	
B011	I	42,47	247,28	91,9	262,75	64,91	129,81
	O	42,47	247,28	10	282,35	67,54	
B012	I	42,47	245,98	91,9	262,75	66,21	132,41
	O	42,47	245,98	10	282,35	68,84	
B013	I	42,47	244,68	91,9	262,75	67,50	135,01
	O	42,47	244,68	10	282,35	70,14	
B014	I	42,47	243,38	91,9	262,75	68,80	137,61
	O	42,47	243,38	10	282,35	71,44	
B015	I	42,47	242,08	91,9	262,75	70,10	140,21
	O	42,47	242,08	10	282,35	72,74	
B016	I	42,47	240,78	91,9	262,75	71,40	142,81
	O	42,47	240,78	10	282,35	74,04	
B017	I	42,47	239,48	91,9	262,75	72,70	145,41
	O	42,47	239,48	10	282,35	75,34	
B018	I	42,47	238,18	91,9	262,75	74,00	148,01
	O	42,47	238,18	10	282,35	76,64	
B019	I	42,47	236,88	91,9	262,75	75,30	150,61
	O	42,47	236,88	10	282,35	77,94	
B020	I	42,47	235,58	91,9	262,75	76,60	153,21
	O	42,47	235,58	10	282,35	79,24	
B021	I	42,47	234,28	91,9	262,75	77,90	155,81
	O	42,47	234,28	10	282,35	80,54	
B022	I	42,47	232,98	91,9	262,75	79,20	158,41
	O	42,47	232,98	10	282,35	81,84	
B023	I	42,47	231,68	91,9	262,75	80,50	161,01
	O	42,47	231,68	10	282,35	83,14	
B024	I	42,47	230,38	91,9	262,75	81,80	163,61
	O	42,47	230,38	10	282,35	84,44	
B025	I	42,47	229,08	91,9	262,75	83,10	166,21
	O	42,47	229,08	10	282,35	85,74	
B026	I	42,47	227,78	91,9	262,75	84,40	168,81
	O	42,47	227,78	10	282,35	87,04	
B027	I	42,47	226,48	91,9	262,75	85,70	171,41
	O	42,47	226,48	10	282,35	88,34	
B028	I	42,47	225,18	91,9	262,75	87,00	174,01
	O	42,47	225,18	10	282,35	89,64	
B029	I	42,47	223,88	91,9	262,75	88,30	176,61
	O	42,47	223,88	10	282,35	90,94	
B030	I	42,47	222,58	91,9	262,75	89,60	179,21
	O	42,47	222,58	10	282,35	92,24	
B031	I	42,47	221,28	91,9	262,75	90,90	181,81
	O	42,47	221,28	10	282,35	93,54	
B032	I	42,47	219,98	91,9	262,75	92,20	184,41
	O	42,47	219,98	10	282,35	94,84	
B033	I	42,47	218,68	91,9	262,75	93,50	187,01
	O	42,47	218,68	10	282,35	96,14	
B034	I	42,47	217,38	91,9	262,75	94,80	189,61
	O	42,47	217,38	10	282,35	97,44	
B035	I	42,47	216,08	91,9	262,75	96,10	192,21
	O	42,47	216,08	10	282,35	98,74	
B036	I	42,47	214,78	91,9	262,75	97,40	194,81
	O	42,47	214,78	10	282,35	100,05	
B037	I	42,47	213,48	91,9	262,75	98,70	197,41
	O	42,47	213,48	10	282,35	101,34	
B038	I	42,47	212,18	91,9	262,75	100,01	200,01
	O	42,47	212,18	10	282,35	102,64	
B039	I	42,47	210,88	91,9	262,75	101,30	202,61
	O	42,47	210,88	10	282,35	103,94	
B040	I	42,47	209,58	91,9	262,75	102,60	205,21
	O	42,47	209,58	10	282,35	105,24	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
B041	I	42,47	208,28	91,9	262,75	103,90	207,81
	O	42,47	208,28	10	282,35	106,54	
B042	I	42,47	206,98	91,9	262,75	105,20	210,41
	O	42,47	206,98	10	282,35	107,84	
B043	I	42,47	205,68	91,9	262,75	106,50	213,01
	O	42,47	205,68	10	282,35	109,14	
B044	I	42,47	204,38	91,9	262,75	107,80	215,61
	O	42,47	204,38	10	282,35	110,44	
B045	I	42,47	203,08	91,9	262,75	109,10	218,21
	O	42,47	203,08	10	282,35	111,74	
B046	I	42,47	201,78	91,9	262,75	110,40	220,81
	O	42,47	201,78	10	282,35	113,04	
B047	I	42,47	200,48	91,9	262,75	111,70	223,41
	O	42,47	200,48	10	282,35	114,34	
B048	I	42,47	199,18	91,9	262,75	113,00	226,01
	O	42,47	199,18	10	282,35	115,64	
B049	I	42,47	197,88	91,9	262,75	114,30	228,61
	O	42,47	197,88	10	282,35	116,94	
B050	I	42,47	196,58	91,9	262,75	115,60	231,21
	O	42,47	196,58	10	282,35	118,24	
B051	I	42,47	195,28	91,9	262,75	116,90	233,81
	O	42,47	195,28	10	282,35	119,54	
B052	I	42,47	193,98	91,9	262,75	118,20	236,41
	O	42,47	193,98	10	282,35	120,84	
B053	I	42,47	192,68	91,9	262,75	119,50	239,01
	O	42,47	192,68	10	282,35	122,14	
B054	I	42,47	191,38	91,9	262,75	120,80	241,61
	O	42,47	191,38	10	282,35	123,44	
B055	I	42,47	190,08	91,9	262,75	122,10	244,21
	O	42,47	190,08	10	282,35	124,74	
B056	I	42,47	188,78	91,9	262,75	123,40	246,81
	O	42,47	188,78	10	282,35	126,04	
B057	I	42,47	187,48	91,9	262,75	124,70	249,41
	O	42,47	187,48	10	282,35	127,34	
B058	I	42,47	186,18	91,9	262,75	126,00	252,01
	O	42,47	186,18	10	282,35	128,64	
B059	I	42,47	184,88	91,9	262,75	127,30	254,61
	O	42,47	184,88	10	282,35	129,94	
B060	I	42,47	183,58	91,9	262,75	128,60	257,21
	O	42,47	183,58	10	282,35	131,24	
B061	I	42,47	182,28	91,9	262,75	129,90	259,81
	O	42,47	182,28	10	282,35	132,54	
B062	I	42,47	180,98	91,9	262,75	131,20	262,41
	O	42,47	180,98	10	282,35	133,84	
B063	I	42,47	179,68	91,9	262,75	132,50	265,01
	O	42,47	179,68	10	282,35	135,14	
B064	I	42,47	178,38	91,9	262,75	133,80	267,61
	O	42,47	178,38	10	282,35	136,44	
B065	I	42,47	177,08	91,9	262,75	135,10	270,21
	O	42,47	177,08	10	282,35	137,74	
B066	I	42,47	175,78	91,9	262,75	136,40	272,81
	O	42,47	175,78	10	282,35	139,04	
B067	I	42,47	174,48	91,9	262,75	137,70	275,41
	O	42,47	174,48	10	282,35	140,34	
B068	I	42,47	173,18	91,9	262,75	139,00	278,01
	O	42,47	173,18	10	282,35	141,64	
B069	I	42,47	171,88	91,9	262,75	140,30	280,61
	O	42,47	171,88	10	282,35	142,94	
B070	I	42,47	170,58	91,9	262,75	141,60	283,21
	O	42,47	170,58	10	282,35	144,24	
B071	I	42,47	169,28	91,9	262,75	142,90	285,81
	O	42,47	169,28	10	282,35	145,54	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
B072	I	42,47	167,98	91,9	262,75	144,20	288,41
	O	42,47	167,98	10	282,35	146,84	
B073	I	42,47	166,68	91,9	262,75	145,50	291,01
	O	42,47	166,68	10	282,35	148,14	
B074	I	42,47	165,38	91,9	262,75	146,80	293,61
	O	42,47	165,38	10	282,35	149,44	
B075	I	42,47	164,08	91,9	262,75	148,10	296,21
	O	42,47	164,08	10	282,35	150,74	
B076	I	42,47	162,78	91,9	262,75	149,40	298,81
	O	42,47	162,78	10	282,35	152,04	
B077	I	42,47	161,48	91,9	262,75	150,70	301,41
	O	42,47	161,48	10	282,35	153,34	
B078	I	42,47	160,18	91,9	262,75	152,00	304,01
	O	42,47	160,18	10	282,35	154,64	
B079	I	42,47	158,88	91,9	262,75	153,30	306,61
	O	42,47	158,88	10	282,35	155,94	
B080	I	42,47	157,58	91,9	262,75	154,60	309,21
	O	42,47	157,58	10	282,35	157,24	
B081	I	42,47	156,28	91,9	262,75	155,90	311,81
	O	42,47	156,28	10	282,35	158,54	
B082	I	42,47	154,98	91,9	262,75	157,20	314,41
	O	42,47	154,98	10	282,35	159,84	
B083	I	42,47	153,68	91,9	262,75	158,50	317,01
	O	42,47	153,68	10	282,35	161,14	
B084	I	42,47	152,38	91,9	262,75	159,80	319,61
	O	42,47	152,38	10	282,35	162,44	
B085	I	42,47	151,08	91,9	262,75	161,10	322,21
	O	42,47	151,08	10	282,35	163,74	
B086	I	42,47	149,78	91,9	262,75	162,40	324,81
	O	42,47	149,78	10	282,35	165,04	
B087	I	42,47	148,48	91,9	262,75	163,70	327,41
	O	42,47	148,48	10	282,35	166,34	
B088	I	42,47	147,18	91,9	262,75	165,00	330,01
	O	42,47	147,18	10	282,35	167,64	
B089	I	42,47	145,88	91,9	262,75	166,30	332,61
	O	42,47	145,88	10	282,35	168,94	
B090	I	42,47	144,58	91,9	262,75	167,60	335,21
	O	42,47	144,58	10	282,35	170,24	
B091	I	42,47	143,28	91,9	262,75	168,90	337,81
	O	42,47	143,28	10	282,35	171,54	
B092	I	42,47	141,98	91,9	262,75	170,20	340,41
	O	42,47	141,98	10	282,35	172,84	
B093	I	42,47	140,68	91,9	262,75	171,50	343,01
	O	42,47	140,68	10	282,35	174,14	
B094	I	42,47	139,38	91,9	262,75	172,80	345,61
	O	42,47	139,38	10	282,35	175,44	
B095	I	42,47	138,08	91,9	262,75	174,10	348,21
	O	42,47	138,08	10	282,35	176,74	
B096	I	42,47	136,78	91,9	262,75	175,40	350,81
	O	42,47	136,78	10	282,35	178,04	
B097	I	42,47	135,48	91,9	262,75	176,70	353,41
	O	42,47	135,48	10	282,35	179,34	
B098	I	42,47	134,18	91,9	262,75	178,00	356,01
	O	42,47	134,18	10	282,35	180,64	
B099	I	42,47	132,88	91,9	262,75	179,30	358,61
	O	42,47	132,88	10	282,35	181,94	
B100	I	42,47	131,58	91,9	262,75	180,60	361,21
	O	42,47	131,58	10	282,35	183,24	
B101	I	42,47	130,28	91,9	262,75	181,90	363,81
	O	42,47	130,28	10	282,35	184,54	
B102	I	42,47	128,98	91,9	262,75	183,20	366,41
	O	42,47	128,98	10	282,35	185,84	
B103	I	42,47	127,68	91,9	262,75	184,50	369,01
	O	42,47	127,68	10	282,35	187,14	
B104	I	42,47	126,38	91,9	262,75	185,80	371,61
	O	42,47	126,38	10	282,35	188,44	
B105	I	42,47	125,08	91,9	262,75	187,10	374,21
	O	42,47	125,08	10	282,35	189,74	
B106	I	42,47	123,78	91,9	262,75	188,40	376,81
	O	42,47	123,78	10	282,35	191,04	
B107	I	42,47	122,48	91,9	262,75	189,70	379,41
	O	42,47	122,48	10	282,35	192,34	
B108	I	42,47	121,18	91,9	262,75	191,00	382,01
	O	42,47	121,18	10	282,35	193,64	
B109	I	42,47	119,88	91,9	262,75	192,30	384,61
	O	42,47	119,88	10	282,35	194,94	
B110	I	42,47	118,58	91,9	262,75	193,60	387,21
	O	42,47	118,58	10	282,35	196,24	
B111	I	42,47	117,28	91,9	262,75	194,90	389,81
	O	42,47	117,28	10	282,35	197,54	
B112	I	42,47	115,98	91,9	262,75	196,20	392,41
	O	42,47	115,98	10	282,35	198,84	
B113	I	42,47	114,68	91,9	262,75	197,50	395,01
	O	42,47	114,68	10	282,35	200,14	
B114	I	42,47	113,38	91,9	262,75	198,80	397,61
	O	42,47	113,38	10	282,35	201,44	
B115	I	42,47	112,08	91,9	262,75	200,10	400,21
	O	42,47	112,08	10	282,35	202,74	
B116	I	42,47	110,78	91,9	262,75	201,40	402,81
	O	42,47	110,78	10	282,35	204,04	
B117	I	42,47	109,48	91,9	262,75	202,70	405,41
	O	42,47	109,48	10	282,35	205,34	
B118	I	42,47	108,18	91,9	262,75	204,00	408,01
	O	42,47	108,18	10	282,35	206,64	
B119	I	42,47	106,88	91,9	262,75	205,30	410,61
	O	42,47	106,88	10	282,35	207,94	
B120	I	42,47	105,58	91,9	262,75	206,60	413,21
	O	42,47	105,58	10	282,35	209,24	
B121	I	42,47	104,28	91,9	262,75	207,90	415,81
	O	42,47	104,28	10	282,35	210,54	
B122	I	42,47	102,98	91,9	262,75	209,20	418,41
	O	42,47	102,98	10	282,35	211,84	
B123	I	42,47	101,68	91,9	262,75	210,50	421,01
	O	42,47	101,68	10	282,35	213,14	
B124	I	42,47	100,38	91,9	262,75	211,80	423,61
	O	42,47	100,38	10	282,35	214,44	
B125	I	42,47	99,08	91,9	262,75	213,10	426,21
	O	42,47	99,08	10	282,35	215,74	
B126	I	42,47	97,78	91,9	262,75	214,40	428,81
	O	42,47	97,78	10	282,35	217,04	
B127	I	42,47	96,48	91,9	262,75	215,70	431,41
	O	42,47	96,48	10	282,35	218,34	
B128	I	42,47	95,18	91,9	262,75	217,00	434,01
	O	42,47	95,18	10	282,35	219,64	
B129	I	42,47	93,88	91,9	262,75	218,30	436,61
	O	42,47	93,88	10	282,35	220,94	
B130	I	42,47	92,58	91,9	262,75	219,60	439,21
	O	42,47	92,58	10	282,35	222,24	
B131	I	42,47	91,28	91,9	262,75	220,90	441,81
	O	42,47	91,28	10	282,35	223,54	
B132	I	42,47	89,98	91,9	262,75	222,20	444,41
	O	42,47	89,98	10	282,35	224,84	
B133	I	42,47	88,68	91,9	262,75	223,50	447,01
	O	42,47	88,68	10	282,35	226,14	
B134	I	42,47	87,38	91,9	262,75	224,80	449,61
	O	42,47	87,38	10	282,35	227,44	
B135	I	42,47	86,08	91,9	262,75	226,10	452,21
	O	42,47	86,08	10	282,35	228,74	
B136	I	42,47	84,78	91,9	262,75	227,40	454,81
	O	42,47	84,78	10	282,35	230,04	
B137	I	42,47	83,48	91,9	262,75	228,70	457,41
	O	42,47	83,48	10	282,35	231,34	
B138	I	42,47	82,18	91,9	262,75	230,00	460,01
	O	42,47	82,18	10	282,35	232,64	
B139	I	42,47	80,88	91,9	262,75	231,30	462,61
	O	42,47	80,88	10	282,35	233,94	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
B140	I	42,47	79,58	91,9	262,75	232,60	465,21
	O	42,47	79,58	10	282,35	235,24	
B141	I	42,47	78,28	91,9	262,75	233,90	467,81
	O	42,47	78,28	10	282,35	236,54	
B142	I	42,47	76,98	91,9	262,75	235,20	470,41
	O	42,47	76,98	10	282,35	237,84	
B143	I	42,47	75,68	91,9	262,75	236,50	473,01
	O	42,47	75,68	10	282,35	239,14	
B144	I	42,47	74,38	91,9	262,75	237,80	475,61
	O	42,47	74,38	10	282,35	240,44	
B145	I	42,47	73,08	91,9	262,75	239,10	478,21
	O	42,47	73,08	10	282,35	241,74	
B146	I	42,47	71,78	91,9	262,75	240,40	480,81
	O	42,47	71,78	10	282,35	243,04	
B147	I	42,47	70,48	91,9	262,75	241,70	483,41
	O	42,47	70,48	10	282,35	244,34	
B148	I	42,47	69,18	91,9	262,75	243,00	486,01
	O	42,47	69,18	10	282,35	245,64	
B149	I	42,47	67,88	91,9	262,75	244,30	488,61
	O	42,47	67,88	10	282,35	246,94	
B150	I	42,47	66,58	91,9	262,75	245,60	491,21
	O	42,47	66,58	10	282,35	248,24	
B151	I	42,47	65,28	91,9	262,75	246,90	493,81
	O	42,47	65,28	10	282,35	249,54	
B152	I	42,47	63,98	91,9	262,75	248,20	496,41
	O	42,47	63,98	10	282,35	250,84	
B153	I	42,47	62,68	91,9	262,75	249,50	499,01
	O	42,47	62,68	10	282,35	252,14	
B154	I	42,47	61,38	91,9	262,75	250,80	501,61
	O	42,47	61,38	10	282,35	253,44	
B155	I	42,47	60,08	91,9	262,75	252,10	504,21
	O	42,47	60,08	10	282,35	254,74	
B156	I	42,47	58,78	91,9	262,75	253,40	506,81
	O	42,47	58,78	10	282,35	256,04	
B157	I	42,47	57,48	91,9	262,75	254,70	509,41
	O	42,47	57,48	10	282,35	257,34	
B158	I	42,47	56,18	91,9	262,75	256,00	512,01
	O	42,47	56,18	10	282,35	258,64	
B159	I	42,47	54,88	91,9	262,75	257,30	514,61
	O	42,47	54,88	10	282,35	259,94	
B160	I	42,47	53,58	91,9	262,75	258,60	517,21
	O	42,47	53,58	10	282,35	261,24	
B161	I	42,47	52,28	91,9	262,75	259,90	519,81
	O	42,47	52,28	10	282,35	262,54	
B162	I	42,47	50,98	91,9	262,75	261,20	522,41
	O	42,47	50,98	10	282,35	263,84	
B163	I	42,47	49,68	91,9	262,75	262,50	525,01
	O	42,47	49,68	10	282,35	265,14	
B164	I	42,47	48,38	91,9	262,75	263,80	527,61
	O	42,47	48,38	10	282,35	266,44	
B165	I	42,47	47,08	91,9	262,75	265,10	530,21
	O	42,47	47,08	10	282,35	267,74	
B166	I	42,47	45,78	91,9	262,75	266,40	532,81
	O	42,47	45,78	10	282,35	269,04	
B167	I	42,47	44,48	91,9	262,75	267,70	535,41
	O	42,47	44,48	10	282,35	270,34	
B168	I	42,47	43,18	91,9	262,75	269,00	538,01
	O	42,47	43,18	10	282,35	271,64	
B169	I	42,47	41,88	91,9	262,75	270,30	540,61
	O	42,47	41,88	10	282,35	272,94	
B170	I	42,47	40,58	91,9	262,75	271,60	543,21
	O	42,47	40,58	10	282,35	274,24	
B171	I	42,47	39,28	91,9	262,75	272,90	545,81
	O	42,47	39,28	10	282,35	275,54	
B172	I	42,47	37,98	91,9	262,75	274,20	548,41
	O	42,47	37,98	10	282,35	276,84	
B173	I	42,47	36,68	91,9	262,75	275,50	551,01
	O	42,47	36,68	10	282,35	278,14	
B174	I	42,47	35,38	91,9	262,75	276,80	553,61
	O	42,47	35,38	10	282,35	279,44	
B175	I	42,47	34,08	91,9	262,75	278,10	556,21
	O	42,47	34,08	10	282,35	280,74	
B176	I	42,47	32,78	91,9	262,75	279,40	558,81
	O	42,47	32,78	10	282,35	282,04	
B177	I	42,47	31,48	91,9	262,75	280,70	561,41
	O	42,47	31,48	10	282,35	283,34	
B178	I	42,47	30,18	91,9	262,75	282,00	564,01
	O	42,47	30,18	10	282,35	284,64	
B179	I	42,47	28,88	91,9	262,75	283,30	566,61
	O	42,47	28,88	10	282,35	285,94	
B180	I	42,47	27,58	91,9	262,75	284,60	569,21
	O	42,47	27,58	10	282,35	287,24	
B181	I	42,47	26,28	91,9	262,75	285,90	571,81
	O	42,47	26,28	10	282,35	288,54	
B182	I	42,47	24,98	91,9	262,75	287,20	574,41
	O	42,47	24,98	10	282,35	289,84	
B183	I	42,47	23,68	91,9	262,75	288,50	577,01
	O	42,47	23,68	10	282,35	291,14	
B184	I	42,47	22,38	91,9	262,75	289,80	579,61
	O	42,47	22,38	10	282,35	292,44	
B185	I	42,47	21,08	91,9	262,75	291,10	582,21
	O	42,47	21,08	10	282,35	293,74	
B186	I	42,47	19,78	91,9	262,75	292,40	584,81
	O	42,47	19,78	10	282,35	295,04	
B187	I	42,47	18,48	91,9	262,75	293,70	587,41
	O	42,47	18,48	10	282,35	296,34	
B188	I	42,47	17,18	91,9	262,75	295,00	590,01
	O	42,47	17,18	10	282,35	297,64	
B189	I	42,47	15,88	91,9	262,75	296,30	592,61
	O	42,47	15,88	10	282,35	298,94	
B190	I	42,47	14,58	91,9	262,75	297,60	595,21
	O	42,47	14,58	10	282,35	300,24	
B191	I	42,47	13,28	91,9	262,75	298,90	597,81
	O	42,47	13,28	10	282,35	301,54	
B192	I	42,47	11,98	91,9	262,75	300,20	600,41
	O	42,47	11,98	10	282,35	302,84	
B193	I	42,47	10,68	91,9	262,75	301,50	603,01
	O	42,47	10,68	10	282,35	304,14	
B194	I	42,47	9,38	91,9	262,75	302,80	605,61
	O	42,47	9,38	10	282,35	305,44	
B195	I	42,47	8,08	91,9	262,75	304,10	608,21
	O	42,47	8,08	10	282,35	306,74	
B196	I	42,47	6,78	91,9	262,75	305,40	610,81
	O	42,47	6,78	10	282,35	308,04	
B197	I	42,47	5,48	91,9	262,75	306,70	613,41
	O	42,47	5,48	10	282,35	309,34	
B198	I	42,47	4,18	91,9	262,75	308,00	616,01
	O	42,47	4,18	10	282,35	310,64	
B199	I	42,47	2,88	91,9	262,75	309,30	618,61
	O	42,47	2,88	10	282,35	311,94	
B200	I	42,47	1,58	91,9	262,75	310,60	621,21
	O	42,47	1,58	10	282,35	313,24	

Line C

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
C010	I	51,5	248,58	91,9	262,75	54,58	109,15
	O	51,5	248,58	10	282,35	75,27	
C011	I	51,5	247,28	91,9	262,75	55,88	111,75
	O	51,5	247,28	10	282,35	76,57	
C012	I	51,5	245,98	91,9	262,75	57,18	114,35
	O	51,5	245,98	10	282,35	77,87	
C013	I	51,5	244,68	91,9	262,75	58,47	116,95
	O	51,5	244,68	10	282,35	79,17	
C014	I	51,5	243,38	91,9	262,75	59,77	119,55
	O	51,5	243,38	10	282,35	80,47	
C015	I	51,5	242,08	91,9	262,75	61,07	122,15
	O	51,5	242,08	10	282,35	81,77	
C016	I	51,5	240,78	91,9	262,75	62,37	124,75
	O	51,5	240,78	10	282,35	83,07	
C017	I	51,5	239,48	91,9	262,75	63,67	127,35
	O	51,5	239,48	10	282,35	84,37	
C018	I	51,5	238,18	91,9	262,75	64,97	129,95
	O	51,5	238,18	10	282,35	85,67	
C019	I	51,5	236,88	91,9	262,75	66,27	132,55
	O	51,5	236,88	10	282,35	86,97	
C020	I	51,5	235,58	91,9	262,75	67,57	135,15
	O	51,5	235,58	10	282,35	88,27	
C021	I	51,5	234,28	91,9	262,75	68,87	137,75
	O	51,5	234,28	10	282,35	89,57	
C022	I	51,5	232,98	91,9	262,75	70,17	140,35
	O	51,5	232,98	10	282,35	90,87	
C023	I	51,5	231,68	91,9	262,75	71,47	142,95
	O	51,5	231,68	10	282,35	92,17	
C024	I	51,5	230,38	91,9	262,75	72,77	145,55
	O	51,5	230,38	10	282,35	93,47	
C025	I	51,5	229,08	91,9	262,75	74,07	148,15
	O	51,5	229,08	10	282,35	94,77	
C026	I	51,5	227,78	91,9	262,75	75,37	150,75
	O	51,5	227,78	10	282,35	96,07	
C027	I	51,5	226,48	91,9	262,75	76,67	153,35
	O	51,5	226,48	10	282,35	97,37	
C028	I	51,5	225,18	91,9	262,75	77,97	155,95
	O	51,5	225,18	10	282,35	98,67	
C029	I	51,5	223,88	91,9	262,75	79,27	158,55
	O	51,5	223,88	10	282,35	99,97	
C030	I	51,5	222,58	91,9	262,75	80,57	161,15
	O	51,5	222,58	10	282,35	101,28	
C031	I	51,5	221,28	91,9	262,75	81,87	163,75
	O	51,5	221,28	10	282,35	102,58	
C032	I	51,5	219,98	91,9	262,75	83,17	166,35
	O	51,5	219,98	10	282,35	103,88	
C033	I	51,5	218,68	91,9	262,75	84,47	168,95
	O	51,5	218,68	10	282,35	105,18	
C034	I	51,5	217,38	91,9	262,75	85,77	171,55
	O	51,5	217,38	10	282,35	106,48	
C035	I	51,5	216,08	91,9	262,75	87,07	174,15
	O	51,5	216,08	10	282,35	107,78	
C036	I	51,5	214,78	91,9	262,75	88,37	176,75
	O	51,5	214,78	10	282,35	109,08	
C037	I	51,5	213,48	91,9	262,75	89,67	179,35
	O	51,5	213,48	10	282,35	110,37	
C038	I	51,5	212,18	91,9	262,75	90,97	181,95
	O	51,5	212,18	10	282,35	111,67	
C039	I	51,5	210,88	91,9	262,75	92,27	184,55
	O	51,5	210,88	10	282,35	112,97	
C040	I	51,5	209,58	91,9	262,75	93,57	187,15
	O	51,5	209,58	10	282,35	114,27	
C041	I	51,5	208,28	91,9	262,75	94,87	189,75
	O	51,5	208,28	10	282,35	115,57	
C042	I	51,5	206,98	91,9	262,75	96,17	192,35
	O	51,5	206,98	10	282,35	116,87	
C043	I	51,5	205,68	91,9	262,75	97,47	194,95
	O	51,5	205,68	10	282,35	118,17	
C044	I	51,5	204,38	91,9	262,75	98,77	197,55
	O	51,5	204,38	10	282,35	119,47	
C045	I	51,5	203,08	91,9	262,75	100,07	200,15
	O	51,5	203,08	10	282,35	120,77	
C046	I	51,5	201,78	91,9	262,75	101,37	202,75
	O	51,5	201,78	10	282,35	122,07	
C047	I	51,5	200,48	91,9	262,75	102,67	205,35
	O	51,5	200,48	10	282,35	123,37	
C048	I	51,5	199,18	91,9	262,75	103,97	207,95
	O	51,5	199,18	10	282,35	124,67	
C049	I	51,5	197,88	91,9	262,75	105,27	210,55
	O	51,5	197,88	10	282,35	125,97	
C050	I	51,5	196,58	91,9	262,75	106,57	213,15
	O	51,5	196,58	10	282,35	127,27	
C051	I	51,5	195,28	91,9	262,75	107,87	215,75
	O	51,5	195,28	10	282,35	128,57	
C052	I	51,5	193,98	91,9	262,75	109,17	218,35
	O	51,5	193,98	10	282,35	129,87	
C053	I	51,5	192,68	91,9	262,75	110,47	220,95
	O	51,5	192,68	10	282,35	131,17	
C054	I	51,5	191,38	91,9	262,75	111,77	223,55
	O	51,5	191,38	10	282,35	132,47	
C055	I	51,5	190,08	91,9	262,75	113,07	226,15
	O	51,5	190,08	10	282,35	133,77	
C056	I	51,5	188,78	91,9	262,75	114,37	228,75
	O	51,5	188,78	10	282,35	135,07	
C057	I	51,5	187,48	91,9	262,75	115,67	231,35
	O	51,5	187,48	10	282,35	136,37	
C058	I	51,5	186,18	91,9	262,75	116,97	233,95
	O	51,5	186,18	10	282,35	137,67	
C059	I	51,5	184,88	91,9	262,75	118,27	236,55
	O	51,5	184,88	10	282,35	138,97	
C060	I	51,5	183,58	91,9	262,75	119,57	239,15
	O	51,5	183,58	10	282,35	140,27	
C061	I	51,5	182,28	91,9	262,75	120,87	241,75
	O	51,5	182,28	10	282,35	141,57	
C062	I	51,5	180,98	91,9	262,75	122,17	244,35
	O	51,5	180,98	10	282,35	142,87	
C063	I	51,5	179,68	91,9	262,75	123,47	246,95
	O	51,5	179,68	10	282,35	144,17	
C064	I	51,5	178,38	91,9	262,75	124,77	249,55
	O	51,5	178,38	10	282,35	145,47	
C065	I	51,5	177,08	91,9	262,75	126,07	252,15
	O	51,5	177,08	10	282,35	146,77	
C066	I	51,5	175,78	91,9	262,75	127,37	254,75
	O	51,5	175,78	10	282,35	148,07	
C067	I	51,5	174,48	91,9	262,75	128,67	257,35
	O	51,5	174,48	10	282,35	149,37	
C068	I	51,5	173,18	91,9	262,75	129,97	259,95
	O	51,5	173,18	10	282,35	150,67	
C069	I	51,5	171,88	91,9	262,75	131,27	262,55
	O	51,5	171,88	10	282,35	151,97	
C070	I	51,5	170,58	91,9	262,75	132,57	265,15
	O	51,5	170,58	10	282,35	153,27	
C071	I	51,5	169,28	91,9	262,75	133,87	267,75
	O	51,5	169,28	10	282,35	154,57	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
C072	I	51,5	167,98	91,9	262,75	135,17	270,35
	O	51,5	167,98	10	282,35	155,87	
C073	I	51,5	166,68	91,9	262,75	136,47	272,95
	O	51,5	166,68	10	282,35	157,17	
C074	I	51,5	165,38	91,9	262,75	137,77	275,55
	O	51,5	165,38	10	282,35	158,47	
C075	I	51,5	164,08	91,9	262,75	139,07	278,15
	O	51,5	164,08	10	282,35	159,77	
C076	I	51,5	162,78	91,9	262,75	140,37	280,75
	O	51,5	162,78	10	282,35	161,07	
C077	I	51,5	161,48	91,9	262,75	141,67	283,35
	O	51,5	161,48	10	282,35	162,37	
C078	I	51,5	160,18	91,9	262,75	142,97	285,95
	O	51,5	160,18	10	282,35	163,67	
C079	I	51,5	158,88	91,9	262,75	144,27	288,55
	O	51,5	158,88	10	282,35	164,97	
C080	I	51,5	157,58	91,9	262,75	145,57	291,15
	O	51,5	157,58	10	282,35	166,27	
C081	I	51,5	156,28	91,9	262,75	146,87	293,75
	O	51,5	156,28	10	282,35	167,57	
C082	I	51,5	154,98	91,9	262,75	148,17	296,35
	O	51,5	154,98	10	282,35	168,87	
C083	I	51,5	153,68	91,9	262,75	149,47	298,95
	O	51,5	153,68	10	282,35	170,17	
C084	I	51,5	152,38	91,9	262,75	150,77	301,55
	O	51,5	152,38	10	282,35	171,47	
C085	I	51,5	151,08	91,9	262,75	152,07	304,15
	O	51,5	151,08	10	282,35	172,77	
C086	I	51,5	149,78	91,9	262,75	153,37	306,75
	O	51,5	149,78	10	282,35	174,07	
C087	I	51,5	148,48	91,9	262,75	154,67	309,35
	O	51,5	148,48	10	282,35	175,37	
C088	I	51,5	147,18	91,9	262,75	155,97	311,95
	O	51,5	147,18	10	282,35	176,67	
C089	I	51,5	145,88	91,9	262,75	157,27	314,55
	O	51,5	145,88	10	282,35	177,97	
C090	I	51,5	144,58	91,9	262,75	158,57	317,15
	O	51,5	144,58	10	282,35	179,27	
C091	I	51,5	143,28	91,9	262,75	159,87	319,75
	O	51,5	143,28	10	282,35	180,57	
C092	I	51,5	141,98	91,9	262,75	161,17	322,35
	O	51,5	141,98	10	282,35	181,87	
C093	I	51,5	140,68	91,9	262,75	162,47	324,95
	O	51,5	140,68	10	282,35	183,17	
C094	I	51,5	139,38	91,9	262,75	163,77	327,55
	O	51,5	139,38	10	282,35	184,47	
C095	I	51,5	138,08	91,9	262,75	165,07	330,15
	O	51,5	138,08	10	282,35	185,77	
C096	I	51,5	136,78	91,9	262,75	166,37	332,75
	O	51,5	136,78	10	282,35	187,07	
C097	I	51,5	135,48	91,9	262,75	167,67	335,35
	O	51,5	135,48	10	282,35	188,37	
C098	I	51,5	134,18	91,9	262,75	168,97	337,95
	O	51,5	134,18	10	282,35	189,67	
C099	I	51,5	132,88	91,9	262,75	170,27	340,55
	O	51,5	132,88	10	282,35	190,97	
C100	I	51,5	131,58	91,9	262,75	171,57	343,15
	O	51,5	131,58	10	282,35	192,27	
C101	I	51,5	130,28	91,9	262,75	172,87	345,75
	O	51,5	130,28	10	282,35	193,57	
C102	I	51,5	128,98	91,9	262,75	174,17	348,35
	O	51,5	128,98	10	282,35	194,87	
C103	I	51,5	127,68	91,9	262,75	175,47	350,95
	O	51,5	127,68	10	282,35	196,17	
C104	I	51,5	126,38	91,9	262,75	176,77	353,55
	O	51,5	126,38	10	282,35	197,47	
C105	I	51,5	125,08	91,9	262,75	178,07	356,15
	O	51,5	125,08	10	282,35	198,77	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
C106	I	51,5	123,78	91,9	262,75	179,37	358,75
	O	51,5	123,78	10	282,35	200,07	
C107	I	51,5	122,48	91,9	262,75	180,67	361,35
	O	51,5	122,48	10	282,35	201,37	
C108	I	51,5	121,18	91,9	262,75	181,97	363,95
	O	51,5	121,18	10	282,35	202,67	
C109	I	51,5	119,88	91,9	262,75	183,27	366,55
	O	51,5	119,88	10	282,35	203,97	
C110	I	51,5	118,58	91,9	262,75	184,57	369,15
	O	51,5	118,58	10	282,35	205,27	
C111	I	51,5	117,28	91,9	262,75	185,87	371,75
	O	51,5	117,28	10	282,35	206,57	
C112	I	51,5	115,98	91,9	262,75	187,17	374,35
	O	51,5	115,98	10	282,35	207,87	
C113	I	51,5	114,68	91,9	262,75	188,47	376,95
	O	51,5	114,68	10	282,35	209,17	
C114	I	51,5	113,38	91,9	262,75	189,77	379,55
	O	51,5	113,38	10	282,35	210,47	
C115	I	51,5	112,08	91,9	262,75	191,07	382,15
	O	51,5	112,08	10	282,35	211,77	
C116	I	51,5	110,78	91,9	262,75	192,37	384,75
	O	51,5	110,78	10	282,35	213,07	
C117	I	51,5	109,48	91,9	262,75	193,67	387,35
	O	51,5	109,48	10	282,35	214,37	
C118	I	51,5	108,18	91,9	262,75	194,97	389,95
	O	51,5	108,18	10	282,35	215,67	
C119	I	51,5	106,88	91,9	262,75	196,27	392,55
	O	51,5	106,88	10	282,35	216,97	
C120	I	51,5	105,58	91,9	262,75	197,57	395,15
	O	51,5	105,58	10	282,35	218,27	
C121	I	51,5	104,28	91,9	262,75	198,87	397,75
	O	51,5	104,28	10	282,35	219,57	
C122	I	51,5	102,98	91,9	262,75	200,17	400,35
	O	51,5	102,98	10	282,35	220,87	
C123	I	51,5	101,68	91,9	262,75	201,47	402,95
	O	51,5	101,68	10	282,35	222,17	
C124	I	51,5	100,38	91,9	262,75	202,77	405,55
	O	51,5	100,38	10	282,35	223,47	
C125	I	51,5	99,08	91,9	262,75	204,07	408,15
	O	51,5	99,08	10	282,35	224,77	
C126	I	51,5	97,78	91,9	262,75	205,37	410,75
	O	51,5	97,78	10	282,35	226,07	
C127	I	51,5	96,48	91,9	262,75	206,67	413,35
	O	51,5	96,48	10	282,35	227,37	
C128	I	51,5	95,18	91,9	262,75	207,97	415,95
	O	51,5	95,18	10	282,35	228,67	
C129	I	51,5	93,88	91,9	262,75	209,27	418,55
	O	51,5	93,88	10	282,35	229,97	
C130	I	51,5	92,58	91,9	262,75	210,57	421,15
	O	51,5	92,58	10	282,35	231,27	
C131	I	51,5	91,28	91,9	262,75	211,87	423,75
	O	51,5	91,28	10	282,35	232,57	
C132	I	51,5	89,98	91,9	262,75	213,17	426,35
	O	51,5	89,98	10	282,35	233,87	
C133	I	51,5	88,68	91,9	262,75	214,47	428,95
	O	51,5	88,68	10	282,35	235,17	
C134	I	51,5	87,38	91,9	262,75	215,77	431,55
	O	51,5	87,38	10	282,35	236,47	
C135	I	51,5	86,08	91,9	262,75	217,07	434,15
	O	51,5	86,08	10	282,35	237,77	
C136	I	51,5	84,78	91,9	262,75	218,37	436,75
	O	51,5	84,78	10	282,35	239,07	
C137	I	51,5	83,48	91,9	262,75	219,67	439,35
	O	51,5	83,48	10	282,35	240,37	
C138	I	51,5	82,18	91,9	262,75	220,97	441,95
	O	51,5	82,18	10	282,35	241,67	
C139	I	51,5	80,88	91,9	262,75	222,27	444,55
	O	51,5	80,88	10	282,35	242,97	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
C140	I	51,5	79,58	91,9	262,75	223,57	447,15
	O	51,5	79,58	10	282,35	244,27	
C141	I	51,5	78,28	91,9	262,75	224,87	449,75
	O	51,5	78,28	10	282,35	245,57	
C142	I	51,5	76,98	91,9	262,75	226,17	452,35
	O	51,5	76,98	10	282,35	246,87	
C143	I	51,5	75,68	91,9	262,75	227,47	454,95
	O	51,5	75,68	10	282,35	248,17	
C144	I	51,5	74,38	91,9	262,75	228,77	457,55
	O	51,5	74,38	10	282,35	249,47	
C145	I	51,5	73,08	91,9	262,75	230,07	460,15
	O	51,5	73,08	10	282,35	250,77	
C146	I	51,5	71,78	91,9	262,75	231,37	462,75
	O	51,5	71,78	10	282,35	252,07	
C147	I	51,5	70,48	91,9	262,75	232,67	465,35
	O	51,5	70,48	10	282,35	253,37	
C148	I	51,5	69,18	91,9	262,75	233,97	467,95
	O	51,5	69,18	10	282,35	254,67	
C149	I	51,5	67,88	91,9	262,75	235,27	470,55
	O	51,5	67,88	10	282,35	255,97	
C150	I	51,5	66,58	91,9	262,75	236,57	473,15
	O	51,5	66,58	10	282,35	257,27	
C151	I	51,5	65,28	91,9	262,75	237,87	475,75
	O	51,5	65,28	10	282,35	258,57	
C152	I	51,5	63,98	91,9	262,75	239,17	478,35
	O	51,5	63,98	10	282,35	259,87	
C153	I	51,5	62,68	91,9	262,75	240,47	480,95
	O	51,5	62,68	10	282,35	261,17	
C154	I	51,5	61,38	91,9	262,75	241,77	483,55
	O	51,5	61,38	10	282,35	262,47	
C155	I	51,5	60,08	91,9	262,75	243,07	486,15
	O	51,5	60,08	10	282,35	263,77	
C156	I	51,5	58,78	91,9	262,75	244,37	488,75
	O	51,5	58,78	10	282,35	265,07	
C157	I	51,5	57,48	91,9	262,75	245,67	491,35
	O	51,5	57,48	10	282,35	266,37	
C158	I	51,5	56,18	91,9	262,75	246,97	493,95
	O	51,5	56,18	10	282,35	267,67	
C159	I	51,5	54,88	91,9	262,75	248,27	496,55
	O	51,5	54,88	10	282,35	268,97	
C160	I	51,5	53,58	91,9	262,75	249,57	499,15
	O	51,5	53,58	10	282,35	270,27	
C161	I	51,5	52,28	91,9	262,75	250,87	501,75
	O	51,5	52,28	10	282,35	271,57	
C162	I	51,5	50,98	91,9	262,75	252,17	504,35
	O	51,5	50,98	10	282,35	272,87	
C163	I	51,5	49,68	91,9	262,75	253,47	506,95
	O	51,5	49,68	10	282,35	274,17	
C164	I	51,5	48,38	91,9	262,75	254,77	509,55
	O	51,5	48,38	10	282,35	275,47	
C165	I	51,5	47,08	91,9	262,75	256,07	512,15
	O	51,5	47,08	10	282,35	276,77	
C166	I	51,5	45,78	91,9	262,75	257,37	514,75
	O	51,5	45,78	10	282,35	278,07	
C167	I	51,5	44,48	91,9	262,75	258,67	517,35
	O	51,5	44,48	10	282,35	279,37	
C168	I	51,5	43,18	91,9	262,75	259,97	519,95
	O	51,5	43,18	10	282,35	280,67	
C169	I	51,5	41,88	91,9	262,75	261,27	522,55
	O	51,5	41,88	10	282,35	281,97	
C170	I	51,5	40,58	91,9	262,75	262,57	525,15
	O	51,5	40,58	10	282,35	283,27	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
C171	I	51,5	39,28	91,9	262,75	263,87	527,75
	O	51,5	39,28	10	282,35	284,57	
C172	I	51,5	37,98	91,9	262,75	265,17	530,35
	O	51,5	37,98	10	282,35	285,87	
C173	I	51,5	36,68	91,9	262,75	266,47	532,95
	O	51,5	36,68	10	282,35	287,17	
C174	I	51,5	35,38	91,9	262,75	267,77	535,55
	O	51,5	35,38	10	282,35	288,47	
C175	I	51,5	34,08	91,9	262,75	269,07	538,15
	O	51,5	34,08	10	282,35	289,77	
C176	I	51,5	32,78	91,9	262,75	270,37	540,75
	O	51,5	32,78	10	282,35	291,07	
C177	I	51,5	31,48	91,9	262,75	271,67	543,35
	O	51,5	31,48	10	282,35	292,37	
C178	I	51,5	30,18	91,9	262,75	272,97	545,95
	O	51,5	30,18	10	282,35	293,67	
C179	I	51,5	28,88	91,9	262,75	274,27	548,55
	O	51,5	28,88	10	282,35	294,97	
C180	I	51,5	27,58	91,9	262,75	275,57	551,15
	O	51,5	27,58	10	282,35	296,27	
C181	I	51,5	26,28	91,9	262,75	276,87	553,75
	O	51,5	26,28	10	282,35	297,57	
C182	I	51,5	24,98	91,9	262,75	278,17	556,35
	O	51,5	24,98	10	282,35	298,87	
C183	I	51,5	23,68	91,9	262,75	279,47	558,95
	O	51,5	23,68	10	282,35	300,17	
C184	I	51,5	22,38	91,9	262,75	280,77	561,55
	O	51,5	22,38	10	282,35	301,47	
C185	I	51,5	21,08	91,9	262,75	282,07	564,15
	O	51,5	21,08	10	282,35	302,77	
C186	I	51,5	19,78	91,9	262,75	283,37	566,75
	O	51,5	19,78	10	282,35	304,07	
C187	I	51,5	18,48	91,9	262,75	284,67	569,35
	O	51,5	18,48	10	282,35	305,37	
C188	I	51,5	17,18	91,9	262,75	285,97	571,95
	O	51,5	17,18	10	282,35	306,67	
C189	I	51,5	15,88	91,9	262,75	287,27	574,55
	O	51,5	15,88	10	282,35	307,97	
C190	I	51,5	14,58	91,9	262,75	288,57	577,15
	O	51,5	14,58	10	282,35	309,27	
C191	I	51,5	13,28	91,9	262,75	289,87	579,75
	O	51,5	13,28	10	282,35	310,57	
C192	I	51,5	11,98	91,9	262,75	291,17	582,35
	O	51,5	11,98	10	282,35	311,87	
C193	I	51,5	10,68	91,9	262,75	292,47	584,95
	O	51,5	10,68	10	282,35	313,17	
C194	I	51,5	9,38	91,9	262,75	293,77	587,55
	O	51,5	9,38	10	282,35	314,47	
C195	I	51,5	8,08	91,9	262,75	295,07	590,15
	O	51,5	8,08	10	282,35	315,77	
C196	I	51,5	6,78	91,9	262,75	296,37	592,75
	O	51,5	6,78	10	282,35	317,07	
C197	I	51,5	5,48	91,9	262,75	297,67	595,35
	O	51,5	5,48	10	282,35	318,37	
C198	I	51,5	4,18	91,9	262,75	298,97	597,95
	O	51,5	4,18	10	282,35	319,67	
C199	I	51,5	2,88	91,9	262,75	300,27	600,55
	O	51,5	2,88	10	282,35	320,97	
C200	I	51,5	1,58	91,9	262,75	301,57	603,15
	O	51,5	1,58	10	282,35	322,27	

Line D

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
D042	I	65,48	206,98	91,9	262,75	82,20	164,40
	O	65,48	206,98	10	282,35	130,85	
D043	I	65,48	205,68	91,9	262,75	83,50	167,00
	O	65,48	205,68	10	282,35	132,15	
D044	I	65,48	204,38	91,9	262,75	84,80	169,60
	O	65,48	204,38	10	282,35	133,45	
D045	I	65,48	203,08	91,9	262,75	86,10	172,20
	O	65,48	203,08	10	282,35	134,75	
D046	I	65,48	201,78	91,9	262,75	87,40	174,80
	O	65,48	201,78	10	282,35	136,05	
D047	I	65,48	200,48	91,9	262,75	88,70	177,40
	O	65,48	200,48	10	282,35	137,35	
D048	I	65,48	199,18	91,9	262,75	90,00	180,00
	O	65,48	199,18	10	282,35	138,65	
D049	I	65,48	197,88	91,9	262,75	91,30	182,60
	O	65,48	197,88	10	282,35	139,95	
D050	I	65,48	196,58	91,9	262,75	92,60	185,20
	O	65,48	196,58	10	282,35	141,25	
D051	I	65,48	195,28	91,9	262,75	93,90	187,80
	O	65,48	195,28	10	282,35	142,55	
D052	I	65,48	193,98	91,9	262,75	95,20	190,40
	O	65,48	193,98	10	282,35	143,85	
D053	I	65,48	192,68	91,9	262,75	96,50	193,00
	O	65,48	192,68	10	282,35	145,15	
D054	I	65,48	191,38	91,9	262,75	97,80	195,60
	O	65,48	191,38	10	282,35	146,45	
D055	I	65,48	190,08	91,9	262,75	99,10	198,20
	O	65,48	190,08	10	282,35	147,75	
D056	I	65,48	188,78	91,9	262,75	100,40	200,80
	O	65,48	188,78	10	282,35	149,05	
D057	I	65,48	187,48	91,9	262,75	101,70	203,40
	O	65,48	187,48	10	282,35	150,35	
D058	I	65,48	186,18	91,9	262,75	103,00	206,00
	O	65,48	186,18	10	282,35	151,65	
D059	I	65,48	184,88	91,9	262,75	104,30	208,60
	O	65,48	184,88	10	282,35	152,95	
D060	I	65,48	183,58	91,9	262,75	105,60	211,20
	O	65,48	183,58	10	282,35	154,25	
D061	I	65,48	182,28	91,9	262,75	106,90	213,80
	O	65,48	182,28	10	282,35	155,55	
D062	I	65,48	180,98	91,9	262,75	108,20	216,40
	O	65,48	180,98	10	282,35	156,85	
D063	I	65,48	179,68	91,9	262,75	109,50	219,00
	O	65,48	179,68	10	282,35	158,15	
D064	I	65,48	178,38	91,9	262,75	110,80	221,60
	O	65,48	178,38	10	282,35	159,45	
D065	I	65,48	177,08	91,9	262,75	112,10	224,20
	O	65,48	177,08	10	282,35	160,75	
D066	I	65,48	175,78	91,9	262,75	113,40	226,80
	O	65,48	175,78	10	282,35	162,05	
D067	I	65,48	174,48	91,9	262,75	114,70	229,40
	O	65,48	174,48	10	282,35	163,35	
D068	I	65,48	173,18	91,9	262,75	116,00	232,00
	O	65,48	173,18	10	282,35	164,65	
D069	I	65,48	171,88	91,9	262,75	117,30	234,60
	O	65,48	171,88	10	282,35	165,95	
D070	I	65,48	170,58	91,9	262,75	118,60	237,20
	O	65,48	170,58	10	282,35	167,25	
D071	I	65,48	169,28	91,9	262,75	119,90	239,80
	O	65,48	169,28	10	282,35	168,55	
D072	I	65,48	167,98	91,9	262,75	121,20	242,40
	O	65,48	167,98	10	282,35	169,85	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
D073	I	65,48	166,68	91,9	262,75	122,50	245,00
	O	65,48	166,68	10	282,35	171,15	
D074	I	65,48	165,38	91,9	262,75	123,80	247,60
	O	65,48	165,38	10	282,35	172,45	
D075	I	65,48	164,08	91,9	262,75	125,10	250,20
	O	65,48	164,08	10	282,35	173,75	
D076	I	65,48	162,78	91,9	262,75	126,40	252,80
	O	65,48	162,78	10	282,35	175,05	
D077	I	65,48	161,48	91,9	262,75	127,70	255,40
	O	65,48	161,48	10	282,35	176,35	
D078	I	65,48	160,18	91,9	262,75	129,00	258,00
	O	65,48	160,18	10	282,35	177,65	
D079	I	65,48	158,88	91,9	262,75	130,30	260,60
	O	65,48	158,88	10	282,35	178,95	
D080	I	65,48	157,58	91,9	262,75	131,60	263,20
	O	65,48	157,58	10	282,35	180,25	
D081	I	65,48	156,28	91,9	262,75	132,90	265,80
	O	65,48	156,28	10	282,35	181,55	
D082	I	65,48	154,98	91,9	262,75	134,20	268,40
	O	65,48	154,98	10	282,35	182,85	
D083	I	65,48	153,68	91,9	262,75	135,50	271,00
	O	65,48	153,68	10	282,35	184,15	
D084	I	65,48	152,38	91,9	262,75	136,80	273,60
	O	65,48	152,38	10	282,35	185,45	
D085	I	65,48	151,08	91,9	262,75	138,10	276,20
	O	65,48	151,08	10	282,35	186,75	
D086	I	65,48	149,78	91,9	262,75	139,40	278,80
	O	65,48	149,78	10	282,35	188,05	
D087	I	65,48	148,48	91,9	262,75	140,70	281,40
	O	65,48	148,48	10	282,35	189,35	
D088	I	65,48	147,18	91,9	262,75	142,00	284,00
	O	65,48	147,18	10	282,35	190,65	
D089	I	65,48	145,88	91,9	262,75	143,30	286,60
	O	65,48	145,88	10	282,35	191,95	
D090	I	65,48	144,58	91,9	262,75	144,60	289,20
	O	65,48	144,58	10	282,35	193,25	
D091	I	65,48	143,28	91,9	262,75	145,90	291,80
	O	65,48	143,28	10	282,35	194,55	
D092	I	65,48	141,98	91,9	262,75	147,20	294,40
	O	65,48	141,98	10	282,35	195,85	
D093	I	65,48	140,68	91,9	262,75	148,50	297,00
	O	65,48	140,68	10	282,35	197,15	
D094	I	65,48	139,38	91,9	262,75	149,80	299,60
	O	65,48	139,38	10	282,35	198,45	
D095	I	65,48	138,08	91,9	262,75	151,10	302,20
	O	65,48	138,08	10	282,35	199,75	
D096	I	65,48	136,78	91,9	262,75	152,40	304,80
	O	65,48	136,78	10	282,35	201,05	
D097	I	65,48	135,48	91,9	262,75	153,70	307,40
	O	65,48	135,48	10	282,35	202,35	
D098	I	65,48	134,18	91,9	262,75	155,00	310,00
	O	65,48	134,18	10	282,35	203,65	
D099	I	65,48	132,88	91,9	262,75	156,30	312,60
	O	65,48	132,88	10	282,35	204,95	
D100	I	65,48	131,58	91,9	262,75	157,60	315,20
	O	65,48	131,58	10	282,35	206,25	
D101	I	65,48	130,28	91,9	262,75	158,90	317,80
	O	65,48	130,28	10	282,35	207,55	
D102	I	65,48	128,98	91,9	262,75	160,20	320,40
	O	65,48	128,98	10	282,35	208,85	
D103	I	65,48	127,68	91,9	262,75	161,50	323,00
	O	65,48	127,68	10	282,35	210,15	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
D104	I	65,48	126,38	91,9	262,75	162,80	325,60
	O	65,48	126,38	10	282,35	211,45	
D105	I	65,48	125,08	91,9	262,75	164,10	328,20
	O	65,48	125,08	10	282,35	212,75	
D106	I	65,48	123,78	91,9	262,75	165,40	330,80
	O	65,48	123,78	10	282,35	214,05	
D107	I	65,48	122,48	91,9	262,75	166,70	333,40
	O	65,48	122,48	10	282,35	215,35	
D108	I	65,48	121,18	91,9	262,75	168,00	336,00
	O	65,48	121,18	10	282,35	216,65	
D109	I	65,48	119,88	91,9	262,75	169,30	338,60
	O	65,48	119,88	10	282,35	217,95	
D110	I	65,48	118,58	91,9	262,75	170,60	341,20
	O	65,48	118,58	10	282,35	219,25	
D111	I	65,48	117,28	91,9	262,75	171,90	343,80
	O	65,48	117,28	10	282,35	220,55	
D112	I	65,48	115,98	91,9	262,75	173,20	346,40
	O	65,48	115,98	10	282,35	221,85	
D113	I	65,48	114,68	91,9	262,75	174,50	349,00
	O	65,48	114,68	10	282,35	223,15	
D114	I	65,48	113,38	91,9	262,75	175,80	351,60
	O	65,48	113,38	10	282,35	224,45	
D115	I	65,48	112,08	91,9	262,75	177,10	354,20
	O	65,48	112,08	10	282,35	225,75	
D116	I	65,48	110,78	91,9	262,75	178,40	356,80
	O	65,48	110,78	10	282,35	227,05	
D117	I	65,48	109,48	91,9	262,75	179,70	359,40
	O	65,48	109,48	10	282,35	228,35	
D118	I	65,48	108,18	91,9	262,75	181,00	362,00
	O	65,48	108,18	10	282,35	229,65	
D119	I	65,48	106,88	91,9	262,75	182,30	364,60
	O	65,48	106,88	10	282,35	230,95	
D120	I	65,48	105,58	91,9	262,75	183,60	367,20
	O	65,48	105,58	10	282,35	232,25	
D121	I	65,48	104,28	91,9	262,75	184,90	369,80
	O	65,48	104,28	10	282,35	233,55	
D122	I	65,48	102,98	91,9	262,75	186,20	372,40
	O	65,48	102,98	10	282,35	234,85	
D123	I	65,48	101,68	91,9	262,75	187,50	375,00
	O	65,48	101,68	10	282,35	236,15	
D124	I	65,48	100,38	91,9	262,75	188,80	377,60
	O	65,48	100,38	10	282,35	237,45	
D125	I	65,48	99,08	91,9	262,75	190,10	380,20
	O	65,48	99,08	10	282,35	238,75	
D126	I	65,48	97,78	91,9	262,75	191,40	382,80
	O	65,48	97,78	10	282,35	240,05	
D127	I	65,48	96,48	91,9	262,75	192,70	385,40
	O	65,48	96,48	10	282,35	241,35	
D128	I	65,48	95,18	91,9	262,75	194,00	388,00
	O	65,48	95,18	10	282,35	242,65	
D129	I	65,48	93,88	91,9	262,75	195,30	390,60
	O	65,48	93,88	10	282,35	243,95	
D130	I	65,48	92,58	91,9	262,75	196,60	393,20
	O	65,48	92,58	10	282,35	245,25	
D131	I	65,48	91,28	91,9	262,75	197,90	395,80
	O	65,48	91,28	10	282,35	246,55	
D132	I	65,48	89,98	91,9	262,75	199,20	398,40
	O	65,48	89,98	10	282,35	247,85	
D133	I	65,48	88,68	91,9	262,75	200,50	401,00
	O	65,48	88,68	10	282,35	249,15	
D134	I	65,48	87,38	91,9	262,75	201,80	403,60
	O	65,48	87,38	10	282,35	250,45	
D135	I	65,48	86,08	91,9	262,75	203,10	406,20
	O	65,48	86,08	10	282,35	251,75	
D136	I	65,48	84,78	91,9	262,75	204,40	408,80
	O	65,48	84,78	10	282,35	253,05	
D137	I	65,48	83,48	91,9	262,75	205,70	411,40
	O	65,48	83,48	10	282,35	254,35	
D138	I	65,48	82,18	91,9	262,75	207,00	414,00
	O	65,48	82,18	10	282,35	255,65	
D139	I	65,48	80,88	91,9	262,75	208,30	416,60
	O	65,48	80,88	10	282,35	256,95	
D140	I	65,48	79,58	91,9	262,75	209,60	419,20
	O	65,48	79,58	10	282,35	258,25	
D141	I	65,48	78,28	91,9	262,75	210,90	421,80
	O	65,48	78,28	10	282,35	259,55	
D142	I	65,48	76,98	91,9	262,75	212,20	424,40
	O	65,48	76,98	10	282,35	260,85	
D143	I	65,48	75,68	91,9	262,75	213,50	427,00
	O	65,48	75,68	10	282,35	262,15	
D144	I	65,48	74,38	91,9	262,75	214,80	429,60
	O	65,48	74,38	10	282,35	263,45	
D145	I	65,48	73,08	91,9	262,75	216,10	432,20
	O	65,48	73,08	10	282,35	264,75	
D146	I	65,48	71,78	91,9	262,75	217,40	434,80
	O	65,48	71,78	10	282,35	266,05	
D147	I	65,48	70,48	91,9	262,75	218,70	437,40
	O	65,48	70,48	10	282,35	267,35	
D148	I	65,48	69,18	91,9	262,75	220,00	440,00
	O	65,48	69,18	10	282,35	268,65	
D149	I	65,48	67,88	91,9	262,75	221,30	442,60
	O	65,48	67,88	10	282,35	269,95	
D150	I	65,48	66,58	91,9	262,75	222,60	445,20
	O	65,48	66,58	10	282,35	271,25	
D151	I	65,48	65,28	91,9	262,75	223,90	447,80
	O	65,48	65,28	10	282,35	272,55	
D152	I	65,48	63,98	91,9	262,75	225,20	450,40
	O	65,48	63,98	10	282,35	273,85	
D153	I	65,48	62,68	91,9	262,75	226,50	453,00
	O	65,48	62,68	10	282,35	275,15	
D154	I	65,48	61,38	91,9	262,75	227,80	455,60
	O	65,48	61,38	10	282,35	276,45	
D155	I	65,48	60,08	91,9	262,75	229,10	458,20
	O	65,48	60,08	10	282,35	277,75	
D156	I	65,48	58,78	91,9	262,75	230,40	460,80
	O	65,48	58,78	10	282,35	279,05	
D157	I	65,48	57,48	91,9	262,75	231,70	463,40
	O	65,48	57,48	10	282,35	280,35	
D158	I	65,48	56,18	91,9	262,75	233,00	466,00
	O	65,48	56,18	10	282,35	281,65	
D159	I	65,48	54,88	91,9	262,75	234,30	468,60
	O	65,48	54,88	10	282,35	282,95	
D160	I	65,48	53,58	91,9	262,75	235,60	471,20
	O	65,48	53,58	10	282,35	284,25	
D161	I	65,48	52,28	91,9	262,75	236,90	473,80
	O	65,48	52,28	10	282,35	285,55	
D162	I	65,48	50,98	91,9	262,75	238,20	476,40
	O	65,48	50,98	10	282,35	286,85	
D163	I	65,48	49,68	91,9	262,75	239,50	479,00
	O	65,48	49,68	10	282,35	288,15	
D164	I	65,48	48,38	91,9	262,75	240,80	481,60
	O	65,48	48,38	10	282,35	289,45	
D165	I	65,48	47,08	91,9	262,75	242,10	484,20
	O	65,48	47,08	10	282,35	290,75	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
D166	I	65,48	45,78	91,9	262,75	243,40	486,80
	O	65,48	45,78	10	282,35	292,05	
D167	I	65,48	44,48	91,9	262,75	244,70	489,40
	O	65,48	44,48	10	282,35	293,35	
D168	I	65,48	43,18	91,9	262,75	246,00	492,00
	O	65,48	43,18	10	282,35	294,65	
D169	I	65,48	41,88	91,9	262,75	247,30	494,60
	O	65,48	41,88	10	282,35	295,95	
D170	I	65,48	40,58	91,9	262,75	248,60	497,20
	O	65,48	40,58	10	282,35	297,25	
D171	I	65,48	39,28	91,9	262,75	249,90	499,80
	O	65,48	39,28	10	282,35	298,55	
D172	I	65,48	37,98	91,9	262,75	251,20	502,40
	O	65,48	37,98	10	282,35	299,85	
D173	I	65,48	36,68	91,9	262,75	252,50	505,00
	O	65,48	36,68	10	282,35	301,15	
D174	I	65,48	35,38	91,9	262,75	253,80	507,60
	O	65,48	35,38	10	282,35	302,45	
D175	I	65,48	34,08	91,9	262,75	255,10	510,20
	O	65,48	34,08	10	282,35	303,75	
D176	I	65,48	32,78	91,9	262,75	256,40	512,80
	O	65,48	32,78	10	282,35	305,05	
D177	I	65,48	31,48	91,9	262,75	257,70	515,40
	O	65,48	31,48	10	282,35	306,35	
D178	I	65,48	30,18	91,9	262,75	259,00	518,00
	O	65,48	30,18	10	282,35	307,65	
D179	I	65,48	28,88	91,9	262,75	260,30	520,60
	O	65,48	28,88	10	282,35	308,95	
D180	I	65,48	27,58	91,9	262,75	261,60	523,20
	O	65,48	27,58	10	282,35	310,25	
D181	I	65,48	26,28	91,9	262,75	262,90	525,80
	O	65,48	26,28	10	282,35	311,55	
D182	I	65,48	24,98	91,9	262,75	264,20	528,40
	O	65,48	24,98	10	282,35	312,85	
D183	I	65,48	23,68	91,9	262,75	265,50	531,00
	O	65,48	23,68	10	282,35	314,15	
D184	I	65,48	22,38	91,9	262,75	266,80	533,60
	O	65,48	22,38	10	282,35	315,45	
D185	I	65,48	21,08	91,9	262,75	268,10	536,20
	O	65,48	21,08	10	282,35	316,75	
D186	I	65,48	19,78	91,9	262,75	269,40	538,80
	O	65,48	19,78	10	282,35	318,05	
D187	I	65,48	18,48	91,9	262,75	270,70	541,40
	O	65,48	18,48	10	282,35	319,35	
D188	I	65,48	17,18	91,9	262,75	272,00	544,00
	O	65,48	17,18	10	282,35	320,65	
D189	I	65,48	15,88	91,9	262,75	273,30	546,60
	O	65,48	15,88	10	282,35	321,95	
D190	I	65,48	14,58	91,9	262,75	274,60	549,20
	O	65,48	14,58	10	282,35	323,25	
D191	I	65,48	13,28	91,9	262,75	275,90	551,80
	O	65,48	13,28	10	282,35	324,55	
D192	I	65,48	11,98	91,9	262,75	277,20	554,40
	O	65,48	11,98	10	282,35	325,85	
D193	I	65,48	10,68	91,9	262,75	278,50	557,00
	O	65,48	10,68	10	282,35	327,15	
D194	I	65,48	9,38	91,9	262,75	279,80	559,60
	O	65,48	9,38	10	282,35	328,45	
D195	I	65,48	8,08	91,9	262,75	281,10	562,20
	O	65,48	8,08	10	282,35	329,75	
D196	I	65,48	6,78	91,9	262,75	282,40	564,80
	O	65,48	6,78	10	282,35	331,05	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
D197	I	65,48	5,48	91,9	262,75	283,70	567,40
	O	65,48	5,48	10	282,35	332,35	
D198	I	65,48	4,18	91,9	262,75	285,00	570,00
	O	65,48	4,18	10	282,35	333,65	
D199	I	65,48	2,88	91,9	262,75	286,30	572,60
	O	65,48	2,88	10	282,35	334,95	
D200	I	65,48	1,58	91,9	262,75	287,60	575,20
	O	65,48	1,58	10	282,35	336,25	
D201	I	77,31	155,88	91,9	262,75	121,46	242,92
	O	77,31	155,88	10	282,35	193,78	
D202	I	77,31	154,58	91,9	262,75	122,76	245,52
	O	77,31	154,58	10	282,35	195,08	
D203	I	77,31	153,28	91,9	262,75	124,06	248,12
	O	77,31	153,28	10	282,35	196,38	
D204	I	77,31	151,98	91,9	262,75	125,36	250,72
	O	77,31	151,98	10	282,35	197,68	
D205	I	77,31	150,68	91,9	262,75	126,66	253,32
	O	77,31	150,68	10	282,35	198,98	
D206	I	77,31	149,38	91,9	262,75	127,96	255,92
	O	77,31	149,38	10	282,35	200,28	
D207	I	77,31	148,08	91,9	262,75	129,26	258,52
	O	77,31	148,08	10	282,35	201,58	
D208	I	77,31	146,78	91,9	262,75	130,56	261,12
	O	77,31	146,78	10	282,35	202,88	
D209	I	77,31	145,48	91,9	262,75	131,86	263,72
	O	77,31	145,48	10	282,35	204,18	
D210	I	77,31	144,18	91,9	262,75	133,16	266,32
	O	77,31	144,18	10	282,35	205,48	
D211	I	77,31	142,88	91,9	262,75	134,46	268,92
	O	77,31	142,88	10	282,35	206,78	
D212	I	77,31	141,58	91,9	262,75	135,76	271,52
	O	77,31	141,58	10	282,35	208,08	
D213	I	77,31	140,28	91,9	262,75	137,06	274,12
	O	77,31	140,28	10	282,35	209,38	
D214	I	77,31	138,98	91,9	262,75	138,36	276,72
	O	77,31	138,98	10	282,35	210,68	
D215	I	77,31	137,68	91,9	262,75	139,66	279,32
	O	77,31	137,68	10	282,35	211,98	
D216	I	77,31	136,38	91,9	262,75	140,96	281,92
	O	77,31	136,38	10	282,35	213,28	
D217	I	77,31	135,08	91,9	262,75	142,26	284,52
	O	77,31	135,08	10	282,35	214,58	
D218	I	77,31	133,78	91,9	262,75	143,56	287,12
	O	77,31	133,78	10	282,35	215,88	
D219	I	77,31	132,48	91,9	262,75	144,86	289,72
	O	77,31	132,48	10	282,35	217,18	
D220	I	77,31	131,18	91,9	262,75	146,16	292,32
	O	77,31	131,18	10	282,35	218,48	
D221	I	77,31	129,88	91,9	262,75	147,46	294,92
	O	77,31	129,88	10	282,35	219,78	
D222	I	77,31	128,58	91,9	262,75	148,76	297,52
	O	77,31	128,58	10	282,35	221,08	
D223	I	77,31	127,28	91,9	262,75	150,06	300,12
	O	77,31	127,28	10	282,35	222,38	
D224	I	77,31	125,98	91,9	262,75	151,36	302,72
	O	77,31	125,98	10	282,35	223,68	
D225	I	77,31	124,68	91,9	262,75	152,66	305,32
	O	77,31	124,68	10	282,35	224,98	

Line E

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak	Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
E001	I	21,32	88,68	91,9	262,75	244,65	489,31	E031	I	21,32	49,68	91,9	262,75	283,65	567,31
	O	21,32	88,68	10	282,35	204,99			O	21,32	49,68	10	282,35	243,99	
E002	I	21,32	87,38	91,9	262,75	245,95	491,91	E032	I	21,32	48,38	91,9	262,75	284,95	569,91
	O	21,32	87,38	10	282,35	206,29			O	21,32	48,38	10	282,35	245,29	
E003	I	21,32	86,08	91,9	262,75	247,25	494,51	E033	I	21,32	47,08	91,9	262,75	286,25	572,51
	O	21,32	86,08	10	282,35	207,59			O	21,32	47,08	10	282,35	246,59	
E004	I	21,32	84,78	91,9	262,75	248,55	497,11	E034	I	21,32	45,78	91,9	262,75	287,55	575,11
	O	21,32	84,78	10	282,35	208,89			O	21,32	45,78	10	282,35	247,89	
E005	I	21,32	83,48	91,9	262,75	249,85	499,71	E035	I	21,32	44,48	91,9	262,75	288,85	577,71
	O	21,32	83,48	10	282,35	210,19			O	21,32	44,48	10	282,35	249,19	
E006	I	21,32	82,18	91,9	262,75	251,15	502,31	E036	I	21,32	43,18	91,9	262,75	290,15	580,31
	O	21,32	82,18	10	282,35	211,49			O	21,32	43,18	10	282,35	250,49	
E007	I	21,32	80,88	91,9	262,75	252,45	504,91	E037	I	21,32	41,88	91,9	262,75	291,45	582,91
	O	21,32	80,88	10	282,35	212,79			O	21,32	41,88	10	282,35	251,79	
E008	I	21,32	79,58	91,9	262,75	253,75	507,51	E038	I	21,32	40,58	91,9	262,75	292,75	585,51
	O	21,32	79,58	10	282,35	214,09			O	21,32	40,58	10	282,35	253,09	
E009	I	21,32	78,28	91,9	262,75	255,05	510,11	E039	I	21,32	39,28	91,9	262,75	294,05	588,11
	O	21,32	78,28	10	282,35	215,39			O	21,32	39,28	10	282,35	254,39	
E010	I	21,32	76,98	91,9	262,75	256,35	512,71	E040	I	21,32	37,98	91,9	262,75	295,35	590,71
	O	21,32	76,98	10	282,35	216,69			O	21,32	37,98	10	282,35	255,69	
E011	I	21,32	75,68	91,9	262,75	257,65	515,31	E041	I	21,32	36,68	91,9	262,75	296,65	593,31
	O	21,32	75,68	10	282,35	217,99			O	21,32	36,68	10	282,35	256,99	
E012	I	21,32	74,38	91,9	262,75	258,95	517,91	E042	I	21,32	35,38	91,9	262,75	297,95	595,91
	O	21,32	74,38	10	282,35	219,29			O	21,32	35,38	10	282,35	258,29	
E013	I	21,32	73,08	91,9	262,75	260,25	520,51	E043	I	21,32	34,08	91,9	262,75	299,25	598,51
	O	21,32	73,08	10	282,35	220,59			O	21,32	34,08	10	282,35	259,59	
E014	I	21,32	71,78	91,9	262,75	261,55	523,11	E044	I	21,32	32,78	91,9	262,75	300,55	601,11
	O	21,32	71,78	10	282,35	221,89			O	21,32	32,78	10	282,35	260,89	
E015	I	21,32	70,48	91,9	262,75	262,85	525,71	E045	I	21,32	31,48	91,9	262,75	301,85	603,71
	O	21,32	70,48	10	282,35	223,19			O	21,32	31,48	10	282,35	262,19	
E016	I	21,32	69,18	91,9	262,75	264,15	528,31	E046	I	21,32	30,18	91,9	262,75	303,15	606,31
	O	21,32	69,18	10	282,35	224,49			O	21,32	30,18	10	282,35	263,49	
E017	I	21,32	67,88	91,9	262,75	265,45	530,91	E047	I	21,32	28,88	91,9	262,75	304,45	608,91
	O	21,32	67,88	10	282,35	225,79			O	21,32	28,88	10	282,35	264,79	
E018	I	21,32	66,58	91,9	262,75	266,75	533,51	E048	I	21,32	27,58	91,9	262,75	305,75	611,51
	O	21,32	66,58	10	282,35	227,09			O	21,32	27,58	10	282,35	266,09	
E019	I	21,32	65,28	91,9	262,75	268,05	536,11	E049	I	21,32	26,28	91,9	262,75	307,05	614,11
	O	21,32	65,28	10	282,35	228,39			O	21,32	26,28	10	282,35	267,39	
E020	I	21,32	63,98	91,9	262,75	269,35	538,71	E050	I	21,32	24,98	91,9	262,75	308,35	616,71
	O	21,32	63,98	10	282,35	229,69			O	21,32	24,98	10	282,35	268,69	
E021	I	21,32	62,68	91,9	262,75	270,65	541,31	E051	I	21,32	23,68	91,9	262,75	309,65	619,31
	O	21,32	62,68	10	282,35	230,99			O	21,32	23,68	10	282,35	269,99	
E022	I	21,32	61,38	91,9	262,75	271,95	543,91	E052	I	21,32	22,38	91,9	262,75	310,95	621,91
	O	21,32	61,38	10	282,35	232,29			O	21,32	22,38	10	282,35	271,29	
E023	I	21,32	60,08	91,9	262,75	273,25	546,51	E053	I	21,32	21,08	91,9	262,75	312,25	624,51
	O	21,32	60,08	10	282,35	233,59			O	21,32	21,08	10	282,35	272,59	
E024	I	21,32	58,78	91,9	262,75	274,55	549,11	E054	I	21,32	19,78	91,9	262,75	313,55	627,11
	O	21,32	58,78	10	282,35	234,89			O	21,32	19,78	10	282,35	273,89	
E025	I	21,32	57,48	91,9	262,75	275,85	551,71	E055	I	21,32	18,48	91,9	262,75	314,85	629,71
	O	21,32	57,48	10	282,35	236,19			O	21,32	18,48	10	282,35	275,19	
E026	I	21,32	56,18	91,9	262,75	277,15	554,31	E056	I	21,32	17,18	91,9	262,75	316,15	632,31
	O	21,32	56,18	10	282,35	237,49			O	21,32	17,18	10	282,35	276,49	
E027	I	21,32	54,88	91,9	262,75	278,45	556,91	E057	I	21,32	15,88	91,9	262,75	317,45	634,91
	O	21,32	54,88	10	282,35	238,79			O	21,32	15,88	10	282,35	277,79	
E028	I	21,32	53,58	91,9	262,75	279,75	559,51	E058	I	21,32	14,58	91,9	262,75	318,75	637,51
	O	21,32	53,58	10	282,35	240,09			O	21,32	14,58	10	282,35	279,09	
E029	I	21,32	52,28	91,9	262,75	281,05	562,11	E059	I	21,32	13,28	91,9	262,75	320,05	640,11
	O	21,32	52,28	10	282,35	241,39			O	21,32	13,28	10	282,35	280,39	
E030	I	21,32	50,98	91,9	262,75	282,35	564,71	E060	I	21,32	11,98	91,9	262,75	321,35	642,71
	O	21,32	50,98	10	282,35	242,69			O	21,32	11,98	10	282,35	281,69	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
E061	I	21,32	10,68	91,9	262,75	322,65	645,31
	O	21,32	10,68	10	282,35	282,99	
E062	I	21,32	9,38	91,9	262,75	323,95	647,91
	O	21,32	9,38	10	282,35	284,29	
E063	I	21,32	8,08	91,9	262,75	325,25	650,51
	O	21,32	8,08	10	282,35	285,59	
E064	I	21,32	6,78	91,9	262,75	326,55	653,11
	O	21,32	6,78	10	282,35	286,89	
E065	I	21,32	5,48	91,9	262,75	327,85	655,71
	O	21,32	5,48	10	282,35	288,19	
E066	I	6,85	71,78	91,9	262,75	276,02	552,05
	O	6,85	71,78	10	282,35	213,72	
E067	I	6,85	70,48	91,9	262,75	277,32	554,65
	O	6,85	70,48	10	282,35	215,02	
E068	I	6,85	69,18	91,9	262,75	278,62	557,25
	O	6,85	69,18	10	282,35	216,32	
E069	I	6,85	67,88	91,9	262,75	279,92	559,85
	O	6,85	67,88	10	282,35	217,62	
E070	I	6,85	66,58	91,9	262,75	281,22	562,45
	O	6,85	66,58	10	282,35	218,92	
E071	I	6,85	65,28	91,9	262,75	282,52	565,05
	O	6,85	65,28	10	282,35	220,22	
E072	I	6,85	63,98	91,9	262,75	283,82	567,65
	O	6,85	63,98	10	282,35	221,52	
E073	I	6,85	62,68	91,9	262,75	285,12	570,25
	O	6,85	62,68	10	282,35	222,82	
E074	I	6,85	61,38	91,9	262,75	286,42	572,85
	O	6,85	61,38	10	282,35	224,12	
E075	I	6,85	60,08	91,9	262,75	287,72	575,45
	O	6,85	60,08	10	282,35	225,42	
E076	I	6,85	58,78	91,9	262,75	289,02	578,05
	O	6,85	58,78	10	282,35	226,72	
E077	I	6,85	57,48	91,9	262,75	290,32	580,65
	O	6,85	57,48	10	282,35	228,02	
E078	I	6,85	56,18	91,9	262,75	291,62	583,25
	O	6,85	56,18	10	282,35	229,32	
E079	I	6,85	54,88	91,9	262,75	292,92	585,85
	O	6,85	54,88	10	282,35	230,62	
E080	I	6,85	53,58	91,9	262,75	294,22	588,45
	O	6,85	53,58	10	282,35	231,92	
E081	I	6,85	52,28	91,9	262,75	295,52	591,05
	O	6,85	52,28	10	282,35	233,22	
E082	I	6,85	50,98	91,9	262,75	296,82	593,65
	O	6,85	50,98	10	282,35	234,52	
E083	I	6,85	49,68	91,9	262,75	298,12	596,25
	O	6,85	49,68	10	282,35	235,82	
E084	I	6,85	48,38	91,9	262,75	299,42	598,85
	O	6,85	48,38	10	282,35	237,12	
E085	I	6,85	47,08	91,9	262,75	300,72	601,45
	O	6,85	47,08	10	282,35	238,42	
E086	I	6,85	45,78	91,9	262,75	302,02	604,05
	O	6,85	45,78	10	282,35	239,72	
E087	I	6,85	44,48	91,9	262,75	303,32	606,65
	O	6,85	44,48	10	282,35	241,02	
E088	I	6,85	43,18	91,9	262,75	304,62	609,25
	O	6,85	43,18	10	282,35	242,32	
E089	I	6,85	41,88	91,9	262,75	305,92	611,85
	O	6,85	41,88	10	282,35	243,62	
E090	I	6,85	40,58	91,9	262,75	307,22	614,45
	O	6,85	40,58	10	282,35	244,92	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
E091	I	6,85	32,47	91,9	262,75	315,33	630,66
	O	6,85	32,47	10	282,35	253,03	
E092	I	6,85	31,17	91,9	262,75	316,63	633,26
	O	6,85	31,17	10	282,35	254,33	
E093	I	6,85	29,87	91,9	262,75	317,93	635,86
	O	6,85	29,87	10	282,35	255,63	
E094	I	6,85	28,57	91,9	262,75	319,23	638,46
	O	6,85	28,57	10	282,35	256,93	
E095	I	6,85	27,27	91,9	262,75	320,53	641,06
	O	6,85	27,27	10	282,35	258,23	
E096	I	6,85	25,97	91,9	262,75	321,83	643,66
	O	6,85	25,97	10	282,35	259,53	
E097	I	6,85	24,67	91,9	262,75	323,13	646,26
	O	6,85	24,67	10	282,35	260,83	
E098	I	6,85	23,37	91,9	262,75	324,43	648,86
	O	6,85	23,37	10	282,35	262,13	
E099	I	6,85	22,07	91,9	262,75	325,73	651,46
	O	6,85	22,07	10	282,35	263,43	
E100	I	6,85	20,77	91,9	262,75	327,03	654,06
	O	6,85	20,77	10	282,35	264,73	
E101	I	6,85	19,47	91,9	262,75	328,33	656,66
	O	6,85	19,47	10	282,35	266,03	
E102	I	6,85	18,17	91,9	262,75	329,63	659,26
	O	6,85	18,17	10	282,35	267,33	
E103	I	6,85	16,87	91,9	262,75	330,93	661,86
	O	6,85	16,87	10	282,35	268,63	
E104	I	6,85	15,57	91,9	262,75	332,23	664,46
	O	6,85	15,57	10	282,35	269,93	
E105	I	6,85	14,27	91,9	262,75	333,53	667,06
	O	6,85	14,27	10	282,35	271,23	
E106	I	6,85	12,97	91,9	262,75	334,83	669,66
	O	6,85	12,97	10	282,35	272,53	

Line F

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
F121	I	19,25	229,08	91,9	262,75	106,32	212,64
	O	19,25	229,08	10	282,35	62,52	
F122	I	19,25	230,38	91,9	262,75	105,02	210,04
	O	19,25	230,38	10	282,35	61,22	
F123	I	19,25	231,68	91,9	262,75	103,72	207,44
	O	19,25	231,68	10	282,35	59,92	
F124	I	19,25	232,98	91,9	262,75	102,42	204,84
	O	19,25	232,98	10	282,35	58,62	
F125	I	19,25	234,28	91,9	262,75	101,12	202,24
	O	19,25	234,28	10	282,35	57,32	
F126	I	19,25	235,58	91,9	262,75	99,82	199,64
	O	19,25	235,58	10	282,35	56,02	
F127	I	19,25	236,88	91,9	262,75	98,52	197,04
	O	19,25	236,88	10	282,35	54,72	
F128	I	19,25	238,18	91,9	262,75	97,22	194,44
	O	19,25	238,18	10	282,35	53,42	
F129	I	19,25	239,48	91,9	262,75	95,92	191,84
	O	19,25	239,48	10	282,35	52,12	
F130	I	19,25	240,78	91,9	262,75	94,62	189,24
	O	19,25	240,78	10	282,35	50,82	
F131	I	19,25	242,08	91,9	262,75	93,32	186,64
	O	19,25	242,08	10	282,35	49,52	
F132	I	19,25	243,38	91,9	262,75	92,02	184,04
	O	19,25	243,38	10	282,35	48,22	
F133	I	19,25	244,68	91,9	262,75	90,72	181,44
	O	19,25	244,68	10	282,35	46,92	
F134	I	19,25	245,98	91,9	262,75	89,42	178,84
	O	19,25	245,98	10	282,35	45,62	
F135	I	19,25	247,28	91,9	262,75	88,12	176,24
	O	19,25	247,28	10	282,35	44,32	
F136	I	19,25	248,58	91,9	262,75	86,82	173,64
	O	19,25	248,58	10	282,35	43,02	
F139	I	4,75	232,98	91,9	262,75	116,92	233,84
	O	4,75	232,98	10	282,35	54,62	
F140	I	4,75	234,28	91,9	262,75	115,62	231,24
	O	4,75	234,28	10	282,35	53,32	
F141	I	4,75	235,58	91,9	262,75	114,32	228,64
	O	4,75	235,58	10	282,35	52,02	
F142	I	4,75	236,88	91,9	262,75	113,02	226,04
	O	4,75	236,88	10	282,35	50,72	
F143	I	4,75	238,18	91,9	262,75	111,72	223,44
	O	4,75	238,18	10	282,35	49,42	
F144	I	4,75	239,48	91,9	262,75	110,42	220,84
	O	4,75	239,48	10	282,35	48,12	
F145	I	4,75	240,78	91,9	262,75	109,12	218,24
	O	4,75	240,78	10	282,35	46,82	
F146	I	4,75	242,08	91,9	262,75	107,82	215,64
	O	4,75	242,08	10	282,35	45,52	
F147	I	4,75	243,38	91,9	262,75	106,52	213,04
	O	4,75	243,38	10	282,35	44,22	
F148	I	4,75	244,68	91,9	262,75	105,22	210,44
	O	4,75	244,68	10	282,35	42,92	
F149	I	4,75	245,98	91,9	262,75	103,92	207,84
	O	4,75	245,98	10	282,35	41,62	
F150	I	4,75	247,28	91,9	262,75	102,62	205,24
	O	4,75	247,28	10	282,35	40,32	

Storage Bin	Dock	X1	Y1	X2	Y2	Jarak	Total Jarak
F151	I	4,75	248,58	91,9	262,75	101,32	202,64
	O	4,75	248,58	10	282,35	39,02	
F152	I	4,75	249,88	91,9	262,75	100,02	200,04
	O	4,75	249,88	10	282,35	37,72	
F153	I	4,75	251,18	91,9	262,75	98,72	197,44
	O	4,75	251,18	10	282,35	36,42	
F154	I	4,75	252,48	91,9	262,75	97,42	194,84
	O	4,75	252,48	10	282,35	35,12	
F155	I	4,75	253,78	91,9	262,75	96,12	192,24
	O	4,75	253,78	10	282,35	33,82	
F156	I	4,75	255,08	91,9	262,75	94,82	189,64
	O	4,75	255,08	10	282,35	32,52	
F157	I	4,75	256,38	91,9	262,75	93,52	187,04
	O	4,75	256,38	10	282,35	31,22	
F158	I	4,75	257,68	91,9	262,75	92,22	184,44
	O	4,75	257,68	10	282,35	29,92	
F159	I	4,75	258,98	91,9	262,75	90,92	181,84
	O	4,75	258,98	10	282,35	28,62	
F160	I	4,75	260,28	91,9	262,75	89,62	179,24
	O	4,75	260,28	10	282,35	27,32	
F161	I	4,75	261,58	91,9	262,75	88,32	176,64
	O	4,75	261,58	10	282,35	26,02	
F162	I	4,75	262,88	91,9	262,75	87,28	174,56
	O	4,75	262,88	10	282,35	24,72	
F163	I	4,75	264,18	91,9	262,75	88,58	177,16
	O	4,75	264,18	10	282,35	23,42	
F164	I	4,75	265,48	91,9	262,75	89,88	179,76
	O	4,75	265,48	10	282,35	22,12	
F165	I	19,25	263,53	91,9	262,75	73,43	146,86
	O	19,25	263,53	10	282,35	28,07	
F166	I	19,25	262,23	91,9	262,75	73,17	146,34
	O	19,25	262,23	10	282,35	29,37	
F167	I	19,25	260,93	91,9	262,75	74,47	148,94
	O	19,25	260,93	10	282,35	30,67	
F168	I	19,25	259,63	91,9	262,75	75,77	151,54
	O	19,25	259,63	10	282,35	31,97	
F169	I	19,25	258,33	91,9	262,75	77,07	154,14
	O	19,25	258,33	10	282,35	33,27	
F170	I	19,25	257,03	91,9	262,75	78,37	156,74
	O	19,25	257,03	10	282,35	34,57	
F171	I	19,25	255,73	91,9	262,75	79,67	159,34
	O	19,25	255,73	10	282,35	35,87	

Catatan: Satuan jarak dalam meter (m)

Lampiran 16 Perhitungan Jarak *Layout* Eksisting

Signature Ukuran 40x40

No	Brand	Material	Material Description	Storage Bin	Jarak	No	Brand	Material	Material Description	Storage Bin	Jarak
1	SIGNATURE	SI-9G-NRGD3SSG1A80	NEO RIOGRANDE BEIGE	B097	353,41	9	SIGNATURE	SI-9G-RVST54SG1A80	RIVERSTONE COFFEE	A032	212,30
				B098	356,01					A037	225,30
2	SIGNATURE	SI-9G-NRGD1SSG1A80	NEO RIOGRANDE GREY	B058	252,01	10	SIGNATURE	SI-9G-VTRN15SG2A80	VICTORIAN GREY	A065	298,10
				A026	196,70					A097	381,30
				A098	383,90					B020	153,21
				B010	127,21					B109	384,61
				B014	137,61					B171	573,70
				B017	145,41					E021	541,31
				B056	246,81					E032	569,91
				B077	301,41					B039	202,61
				B144	475,61					B151	493,81
				B155	504,21					B191	597,81
				B159	514,61					E002	491,91
				B163	525,01					E015	525,71
				E011	515,31					E018	533,51
				E037	582,91					E025	551,71
				E081	591,05					E057	634,91
				E102	659,26					E061	645,31
				F123	207,44					A103	396,90
3	SIGNATURE	SI-9G-JNIR3SSG1A80	JANEIRO BEIGE	A046	248,70	11	SIGNATURE	SI-9G-NVRE15SG1A80	NAVARRE GREY	B036	194,81
				A051	261,70					B055	244,21
				A056	274,70					B073	291,01
				A066	300,70					B160	517,21
				A099	386,50					B175	556,21
				B058	252,01					B176	558,81
				D076	252,80					B200	621,21
				D081	265,80					D118	362,00
				B062	262,41					E049	614,11
				B084	319,61					A024	191,50
4	SIGNATURE	SI-9G-NPBL17SG1A80	NEO PEBBLE STONE	B124	423,61	12	SIGNATURE	SI-9G-NPBL32SG1A80	NEO PEBBLE SAND	A031	209,70
				E088	609,25					A046	248,70
				A061	287,70					A083	344,90
				A064	295,50					B034	189,61
				A069	308,50					B117	405,41
				B039	202,61					D203	248,12
				B048	226,01					D208	261,12
				B147	483,41					D209	263,72
				D099	312,60					D210	266,32
				D184	533,60					D211	268,92
5	SIGNATURE	SI-9G-ARLA15SG1A80	ARALIA GREY	E002	491,91	13	SIGNATURE	SI-9G-ARLA55SG1A80	ARALIA BROWN	E009	510,11
				E039	588,11					E054	627,11
				E069	559,85					E079	585,85
				A072	316,30					A074	321,50
				A089	360,50					A075	324,10
				B038	200,01					B091	337,81
				B074	293,61					B092	340,41
				B079	306,61					B122	418,41
				B096	350,81					D161	473,80
				B128	434,01					E005	499,71
6	SIGNATURE	SI-9G-VTRN55SG2A80	VICTORIAN BROWN	B145	478,21	14	SIGNATURE	SI-9G-NVRE35SG1A80	NAVARRE BEIGE	E009	510,11
				B149	488,61					E054	627,11
				B181	571,81					E061	645,31
				D059	208,60					A102	394,30
				D061	213,80					B011	129,81
				D068	232,00					B018	148,01
				E022	543,91					B065	270,21
				E031	567,31					B101	363,81
				E086	604,05					B108	382,01
				F123	207,44					B179	566,61
7	SIGNATURE	SI-9G-JNIR1SSG1A80	JANEIRO GREY	A023	188,90	15	SIGNATURE	SI-9G-CLDN3SSG1A80	CALEDONIA BEIGE	B195	608,21
				A052	264,30					B197	613,41
				A053	266,90					E030	564,71
				A067	303,30					A100	389,10
				A071	313,70					B022	158,41
				A081	339,70					B049	228,61
				A087	355,30					D098	310,00
				B061	259,81					E059	640,11
				B066	272,81					E106	669,66
				B093	343,01					B021	155,81
8	SIGNATURE	SI-9M-WLLW56SG1A80	WILLOW SILVER	B148	486,01	16	SIGNATURE	SI-9G-CLDN1SSG1A80	CALEDONIA GREY	B072	288,41
				B185	582,21					B127	431,41

No	Brand	Material	Material Description	Storage Bin	Jarak				
16	SIGNATURE	SI-9G-CLDN15SG1A80	CALEDONIA GREY	D105	328.20				
				D107	333.40				
				D108	336.00				
				D140	419.20				
				D215	380.20				
17	SIGNATURE	SI-9G-CAND35SG1A80	CANADIAN BEIGE	A048	253.90				
				A057	277.30				
				B045	218.21				
				B047	223.41				
				B112	392.41				
				B176	558.81				
				D066	226.80				
				D157	463.40				
				E009	510.11				
				E017	530.91				
				E035	577.71				
				E039	588.11				
				E054	627.11				
				18	SIGNATURE	SI-9G-ALPE55SG1A80	ALPENA BROWN	A026	196.70
								A059	282.50
A078	331.90								
A083	344.90								
B015	140.21								
B016	142.81								
B019	150.61								
B023	161.01								
B033	187.01								
B043	213.01								
B067	275.41								
B076	298.81								
B083	317.01								
B095	348.21								
19	SIGNATURE	SI-9G-EDNA15SG1A80	EDNA GREY					B180	569.21
				E010	512.71				
				E052	621.91				
				E096	643.66				
				B151	493.81				
				D166	486.80				
				E011	515.31				
				E028	559.51				
				E053	624.51				
				E054	627.11				
20	SIGNATURE	SI-9G-RVST65SG1A80	RIVERSTONE MARINE	E057	634.91				
				E095	641.06				
				A038	227.90				
				A055	272.10				
				A063	292.90				
				A084	347.50				
				B094	345.61				
				B132	444.41				
				B133	447.01				
				B169	540.61				
21	SIGNATURE	SI-9R-NJRL15SG2A80	NEO JURAL GREY	B171	545.81				
				E013	520.51				
				E033	572.51				
				E076	578.05				
				E083	596.25				
				A094	373.50				
				B100	361.21				
				B129	436.61				
				B135	452.21				
				B156	506.81				
22	SIGNATURE	SI-9M-NHLW55SG1A80	NEO HOLYWOOD BROWN	D153	453.00				
				D180	523.20				
				E053	624.51				
				A079	334.50				
				A093	370.90				
				B046	220.81				
				B089	332.61				
				B106	376.81				
				B138	460.01				
				B168	538.01				
23	SIGNATURE	SI-9R-NJRL58SG2A80	NEO JURAL MOCHA	B174	553.61				
				B200	621.21				
				D163	479.00				
				E009	510.11				
				E025	551.71				
				E035	577.71				
				E038	585.51				

No	Brand	Material	Material Description	Storage Bin	Jarak
22	SIGNATURE	SI-9M-NHLW55SG1A80	NEO HOLYWOOD BROWN	E053	624.51
				E054	627.11
				E057	634.91
				E068	557.25
				E089	611.85
23	SIGNATURE	SI-9R-NJRL58SG2A80	NEO JURAL MOCHA	B090	335.21
				B121	415.81
				B129	436.61
				B173	551.01
				D180	523.20
				A025	194.10
				A027	199.30
				A028	201.90
				A029	204.50
				A036	222.70
24	SIGNATURE	SI-9G-ALPE15SG1A80	ALPENA GREY	A063	292.90
				B015	140.21
				B016	142.81
				B033	187.01
				B037	197.41
				B040	205.21
				B043	213.01
				B075	296.21
				B076	298.81
				B080	309.21
				B081	311.81
				B167	535.41
				B180	569.21
				E010	512.71
				E060	642.71
25	SIGNATURE	SI-9R-ARKN17SG2A80	ARKANSAS STONE	B154	501.61
				B162	522.41
				B164	527.61
				B186	584.81
				B190	595.21
				E014	523.11
				E025	551.71
				E028	559.51
				E054	627.11
				B044	215.61
26	SIGNATURE	SI-9G-NLGS15SG1A80	NEO LAGOS GREY	B063	265.01
				B087	327.41
				B139	462.61
				B183	577.01
				D087	281.40
				E028	559.51
				E038	585.51
				E063	650.51
				A091	365.70
				B141	467.81
27	SIGNATURE	SI-9G-NRTW56SG1A80	NORTH WOOD TOBACCO	B146	480.81
				B176	558.81
				D055	198.20
				D056	200.80
				D057	203.40
				D073	245.00
				E023	546.51
				E027	556.91
				E028	559.51
				E039	588.11
28	SIGNATURE	SI-9A-001902SG2A80	GLOSSY WHITE	D122	372.40
				D123	375.00
				D126	382.80
				D127	385.40
				D128	388.00
				D129	390.60
				D130	393.20
				D132	398.40
				D133	401.00
				D134	403.60
				D136	408.80
				D139	416.60
				D168	492.00
				D170	497.20
				D171	499.80
D179	520.60				
D182	528.40				
D183	531.00				

No	Brand	Material	Material Description	Storage Bin	Jarak				
29	SIGNATURE	SI-9R-SDST3SSG1A80	SANDSTONE BEIGE	A068	305,90				
				A090	363,10				
				B042	210,41				
				B118	408,01				
				E025	551,71				
				E065	655,71				
30	SIGNATURE	SI-9R-STLY3SSG1A80	STANLEY BEIGE	A030	207,10				
				A068	305,90				
				A070	311,10				
				B024	163,61				
				B068	278,01				
				B123	421,01				
				B157	509,41				
				B169	540,61				
				B176	558,81				
				B196	610,81				
				E002	491,91				
				E024	549,11				
				31	SIGNATURE	SI-9R-ARBC18SG1A80	ARABESCO STONE	D097	307,40
				32	SIGNATURE	SI-9M-NDWD5SSG1A80	NEO DREAMWOOD BROWN	A047	251,30
A076	326,70								
B027	171,41								
B031	181,81								
B059	254,61								
B070	283,21								
B078	304,01								
B105	374,21								
B106	376,81								
B113	395,01								
B120	413,21								
B161	519,81								
B184	579,61								
B189	592,61								
D100	315,20								
E032	569,91								
E035	577,71								
E054	627,11								
E095	641,06								
33	SIGNATURE	SI-9G-EDNA56SG1A80	EDNA TERRACOTA	B035	192,21				
				B051	233,81				
				B052	236,41				
				B198	616,01				
34	SIGNATURE	SI-9R-GSTN1SSG1A80	GEOSTONE GRIGIO	B137	457,41				
				B158	512,01				
				B192	600,41				
				E002	491,91				
				E065	655,71				
				A073	318,90				
35	SIGNATURE	SI-9G-NLGS3SSG1A80	NEO LAGOS BEIGE	A080	337,10				
				B012	132,41				
				B026	168,81				
				B028	174,01				
				B032	184,41				
				B064	267,61				
				B071	285,81				
				B107	379,41				
				B115	400,21				
				B134	449,61				
				B150	491,21				
				B151	493,81				
				B193	603,01				
				E009	510,11				
E028	559,51								
E064	653,11								
36	SIGNATURE	SI-9G-RVST3SSG1A80	RIVERSTONE GOLD	A020	530,91				
				A035	220,10				
				A060	285,10				
				B050	231,21				
				B060	257,21				
				B103	369,01				
				B131	441,81				
				D062	216,40				
				D070	237,20				
				D077	255,40				
				E009	510,11				
				E013	520,51				
E048	611,51								
E062	647,91								
No	Brand	Material	Material Description	Storage Bin	Jarak				
LANJUTAN									
36	SIGNATURE	SI-9G-RVST3SSG1A80	RIVERSTONE GOLD	E072	567,65				
37	SIGNATURE	SI-9R-SDLY3SSG1A80	SIDLEY BEIGE	F123	207,44				
				B048	226,01				
				E022	543,91				
				E059	640,11				
38	SIGNATURE	SI-9R-STLY1SSG1A80	STANLEY GRIGIO	B054	241,61				
39	SIGNATURE	SI-9M-AGWD5SSG1A80	ANGELWOOD BROWN	B086	324,81				
				B113	395,01				
				B177	561,41				
				B182	574,41				
				B199	618,61				
				E014	523,11				
				E035	577,71				
				E038	585,51				
				E057	634,91				
				E095	641,06				
40	SIGNATURE	SI-9R-ARBC58SG1A80	ARABESCO MOCHA	B111	389,81				
				B194	605,61				
				D185	536,20				
				D199	572,60				
41	SIGNATURE	SI-9R-SDLY1SSG1A80	SIDLEY GREY	E017	530,91				
				B110	387,21				
				B192	600,41				
				E022	543,91				
42	SIGNATURE	SI-9R-EVRS33SG1A80	EVEREST SAND	E049	614,11				
43	SIGNATURE	SI-9R-EVRS34SG1A80	EVEREST TAUPE	E065	655,71				
				B130	439,21				
				A088	357,90				
				B053	239,01				
				B099	358,61				
				B136	454,81				
				E014	523,11				
				E025	551,71				
				E035	577,71				
				E041	593,31				
				E054	627,11				
				E099	651,46				
				44	SIGNATURE	SI-9A-001945SG2A80	GLOSSY CREAM	D122	372,40
								D123	375,00
D126	382,80								
D127	385,40								
D129	390,60								
D130	393,20								
D135	406,20								
D136	408,80								
D139	416,60								
D143	427,00								
D144	429,60								
D145	432,20								
D146	434,80								
D147	437,40								
D148	440,00								
D149	442,60								
D150	445,20								
D151	447,80								
D171	499,80								
D173	505,00								
Signature Ukuran 30x30									
45	SIGNATURE	SK-9R-SDST3SSG1A99	SANDSTONE BEIGE	A068	305,9				
				A090	363,1				
				B042	210,41				
				B118	408,01				
				E025	551,71				
				E065	655,71				
46	SIGNATURE	SK-8R-BRST06SG2A99	BRISTOL WHITE	A153	526,9				
				A157	537,3				
				A169	568,5				
				A174	581,5				
				A187	615,3				
47	SIGNATURE	SK-8G-ABDN1SSG1A99	ABERDEEN GREY	A190	623,1				
48	SIGNATURE	SK-8G-BACN1SSG1A99	BALCON GRIGIO	A156	534,7				
				A153	526,9				
				A155	532,1				
				A156	534,7				
				A187	615,3				
				A198	643,9				
				A199	646,5				
				A200	649,1				
E078	583,25								

No	Brand	Material	Material Description	Storage Bin	Jarak				
49	SIGNATURE	SK-8R-CLES19SG2A99	CELESTE DARK GREY	A180	597,10				
				A188	617,90				
				C177	543,35				
				E094	638,46				
				E098	648,86				
50	SIGNATURE	SK-8R-NBST08SG1A99	NEO BRISTOL WHITE	A157	537,30				
				A161	547,70				
				A162	550,30				
				A169	568,50				
				A171	573,70				
				A185	610,10				
				A196	638,70				
				F164	179,76				
				A188	617,90				
				A160	545,10				
51	SIGNATURE	SK-8R-NCLS15SG1A99	NEO CELESTE GREY	A161	547,70				
				A164	555,50				
				E006	502,31				
				E034	575,11				
				E046	606,31				
52	SIGNATURE	SK-8G-ORTG55SG1A99	ORTEGA BROWN	E047	608,91				
				E071	565,05				
				E074	572,85				
				E080	588,45				
				E100	654,06				
				Signature Ukuran 30x60					
				53	SIGNATURE	SKVAB-AQLA35SG1A56	AQUILA BEIGE, 0,9M2/BOX	C035	174,15
								C048	207,95
								C016	124,75
				54	SIGNATURE	SKVAB-FNCS35SG1A56	FRANCIS BEIGE, 0,9M2/BOX	C017	127,35
C042	192,35								
C043	194,95								
C010	109,15								
55	SIGNATURE	SKVAB-AQLA15SG1A56	AQUILA GRIGIO, 0,9M2/BOX	C011	111,75				
				C012	114,35				
				C021	137,75				
				C023	142,95				
				C059	236,55				
56	SIGNATURE	SKVAB-SPLD05SG1A56	SPLENDOR BIANCO, 0,9M2/BOX	C136	436,75				
				C185	564,15				
				C186	566,75				
57	SIGNATURE	SKVAA-001902SG2A56	GLOSSY WHITE, 0,9M2/BOX	C187	569,35				
				C030	161,15				
				C031	163,75				
				C032	166,35				
				C033	168,95				
58	SIGNATURE	SKVAB-GLNA55SG1A56	GALENA BROWN, 0,9M2/BOX	C034	171,55				
				C014	119,55				
				C015	122,15				
				C018	129,95				
59	SIGNATURE	SKVAB-GLNA54SG1A56	GALENA LIGHT BROWN, 0,9M2/BOX	C019	132,55				
				F164	179,76				
				F164	179,76				
60	SIGNATURE	SKVAM-DNSE35SG1A56	DANISE BEIGE, 0,9M2/BOX	C044	197,55				
				C052	218,35				
				C053	220,95				
				A156	534,70				
				C036	176,75				
61	SIGNATURE	SKVAB-ABST35SG1A56	ALABASTRO BEIGE, 0,9M2/BOX	C037	179,35				
				C038	181,95				
				C039	184,55				
				C044	197,55				
Signature Ukuran 20x20									
62	SIGNATURE	SL-6A-001903SG2BC0	GLOSSY WHITE	C143	454,95				
63	SIGNATURE	SL-6A-001903SG1BC0	GLOSSY WHITE NW	C192	582,35				
64	SIGNATURE	SL-6A-001941SG2AC0	PASTEL BISCUIT	C143	454,95				
				C188	571,95				
				F157	187,04				
Signature Ukuran 25x25									
65	SIGNATURE	SP-7G-URBN35SG1A96	URBAN BEIGE	E001	489,31				
				E003	494,51				
				E007	504,91				
				E040	590,71				
				E042	595,91				
66	SIGNATURE	SP-7G-NMZC65SG1A96	NEO MOZAICO BLUE	E043	598,51				
				E004	497,11				
				E042	595,91				
				E070	562,45				
				E073	570,25				
				E094	638,46				

No	Brand	Material	Material Description	Storage Bin	Jarak
66	SIGNATURE	SP-7G-NMZC65SG1A96	NEO MOZAICO BLUE	E098	648,86
				A072	316,30
				E004	497,11
				E026	554,31
				E077	580,65
67	SIGNATURE	SP-7G-BRIL35SG1A96	BRILLO BEIGE	E094	638,46
				E103	661,86
				E104	664,46
				E004	497,11
				E036	580,31
68	SIGNATURE	SP-7G-BRIL15SG1A96	BRILLO GREY	E043	598,51
				E045	603,71
				E050	616,71
				E056	632,31
				E082	593,65
				E084	598,85
				E091	630,66
				E094	638,46
				E101	656,66
				E004	497,11
69	SIGNATURE	SP-7G-BRIL65SG1A96	BRILLO BLUE	E056	632,31
				E058	637,51
				E087	606,65
				E092	633,26
				E097	646,26
				E098	648,86
70	SIGNATURE	SP-7G-URBN15SG1A96	URBAN GREY	E003	494,51
				E040	590,71
				E043	598,51
				E049	614,11
				E054	627,11
71	SIGNATURE	SP-7R-CLES18SG2A96	CELESTE DARK GREY	E093	635,86
				E094	638,46
				A180	597,10
				A188	617,90
				C177	543,35
				E094	638,46
				E098	648,86
Signature Ukuran 25X40					
72	SIGNATURE	SPI7B-TIMB35SG2A84	TIMBER BEIGE	C070	265,15
73	SIGNATURE	SPI7M-PLCE37SG1A84	PALACE DECO BEIGE	C071	267,75
74	SIGNATURE	SPI7M-LYRA55SG1A84	LYRA BROWN	C113	376,95
				C097	335,35
				C098	337,95
75	SIGNATURE	SPI7L-PRD145SG1A84	PARADISEA CREAM	C099	340,55
76	SIGNATURE	SPI7M-ALTM75SG1A84	ALTIMA GREEN	C167	517,35
77	SIGNATURE	SPI7M-ALTM65SG1A84	ALTIMA BLUE	C072	270,35
				C073	272,95
78	SIGNATURE	SPI7M-DASY05SG1A84	DAISY BIANCO	C077	283,35
79	SIGNATURE	SPI7L-PRD136SG1A84	PARADISEA ART BEIGE	C078	285,95
				C103	350,95
80	SIGNATURE	SPI7C-DMND35SG1A84	DIAMOND BEIGE	C104	353,55
81	SIGNATURE	SPI7B-TIMB15SG2A84	TIMBER GREY	C106	358,75
				C079	288,55
82	SIGNATURE	SPI7M-PLCE67SG1A84	PALACE DECO BLUE	C080	291,15
83	SIGNATURE	SPI7M-AZLA65SG1A84	AZALIA BLUE	C081	293,75
				C094	327,55
84	SIGNATURE	SPI7M-VLNO65SG1A84	VALINO BLUE	C095	330,15
85	SIGNATURE	SPI7M-VLNO15SG1A84	VALINO GREY	C103	350,95
				C105	356,15
86	SIGNATURE	SPI7M-PLCE65SG2A84	PALACE BLUE	C107	361,35
87	SIGNATURE	SPT7A-001902SG1A84	GLOSSY WHITE	C114	379,55
				C115	382,15
88	SIGNATURE	SPT7L-PRD135SG1A84	PARADISEA BEIGE	C121	397,75
				C122	400,35
89	SIGNATURE	SPT7B-VEGA15SG1A84	VEGA GREY	C126	410,75
				C127	413,35
				C074	275,55
90	SIGNATURE	SPT7B-TIMB55SG2A84	TIMBER BROWN	C075	278,15
				C076	280,75
91	SIGNATURE	SPT7M-AZLA75SG1A84	AZALIA GREEN	F157	187,04
				C065	252,15
				C067	257,35
92	SIGNATURE	SPT7L-ILSN35SG1A84	ILLUSION BEIGE	C068	259,95
				C069	262,55
				C150	473,15
				C123	402,95
93	SIGNATURE	SPT7L-ILSN15SG1A84	ILLUSION GREY	C124	405,55
				C125	408,15
94	SIGNATURE	SPT7M-VLNO35SG1A84	VALINO BEIGE	C092	322,35

No	Brand	Material	Material Description	Storage Bin	Jarak	No	Brand	Material	Material Description	Storage Bin	Jarak
94	SIGNATURE	SPI7M-VLNO3SSG1A84	VALINO BEIGE	C093	324,95	116	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	D207	258,52
				C100	343,15					D213	274,12
95	SIGNATURE	SPI7B-VEGA3SSG1A84	VEGA BEIGE	C081	293,75	LANJUTAN		D220	292,32		
				C082	296,35	F125	202,24				
				C083	298,95	F126	199,64				
				C084	301,55	F127	197,04				
				C161	501,75	F128	194,44				
96	SIGNATURE	SPI7M-AZLA06SG1A84	AZALIA BIANCO	F157	187,04	F129	191,84				
97	SIGNATURE	SPI7M-VLNO75SG1A84	VALINO GREEN	C061	241,75	F130	189,24				
				C062	244,35	F131	186,64				
				C108	363,95	F132	184,04				
98	SIGNATURE	SPI7C-DMND15SG1A84	DIAMOND GREY	C109	366,55	F133	181,44				
				C101	345,75	F134	178,84				
				C110	369,15	F135	176,24				
				C111	371,75	F136	173,64				
99	SIGNATURE	SPI7M-PLCE35SG2A84	PALACE BEIGE	C130	421,15	F146	215,64				
				C131	423,75	F147	213,04				
100	SIGNATURE	SPI7L-UNVL16SG2A84	UNIVERSALE ART GREY	C166	514,75	F148	210,44				
				C112	374,35	F149	207,84				
101	SIGNATURE	SPI7C-DMND16SG1A84	DIAMOND ART GREY	C141	449,75	F150	205,24				
				C116	384,75	F151	202,64				
				C117	387,35	F152	200,04				
				C118	389,95	F153	197,44				
				C119	392,55	F154	194,84				
				C120	395,15	F155	192,24				
				C163	506,95	F156	189,64				
				C172	530,35	F159	181,84				
102	SIGNATURE	SPI7C-DMND36SG1A84	DIAMOND ART BEIGE	C066	254,75	F160	179,24				
103	SIGNATURE	SPI7B-LAVD05SG2A84	LAVANDA BIANCO	C138	109,15	F164	179,76				
				C149	470,55	F165	146,86				
				C155	486,15	F166	146,34				
104	SIGNATURE	SPI7M-LYRA57SG1A84	LYRA DECO BROWN	C086	306,75	F167	148,94				
105	SIGNATURE	SPTAB-TRST3SSG1A72	TRIESTE BEIGE	C096	332,75	F168	151,54				
106	SIGNATURE	SPTAM-LVNZ28SG1A72	LIVENZA DECO GIALLO	C096	332,75	F169	154,14				
107	SIGNATURE	SPTAM-LVNZ17SG1A72	LIVENZA DECO GRIGIO	C148	467,95	A015	168,10				
108	SIGNATURE	SPI7L-UNVL36SG2A84	UNIVERSALE ART BEIGE	C140	447,15	A040	233,10				
Spectrum 40x40						A092	368,30				
109	SPECTRUM	SI-9B-GLNG35SP1A80	GALUNGGUNG BEIGE	A148	513,90	A096	378,70				
110	SPECTRUM	SI-9B-JBRN35SP1A80	JIMBARAN BEIGE	D175	510,20	A104	399,50				
				D176	512,80	A105	402,10				
111	SPECTRUM	SI-9B-ATRS15SP3A80	ANTARES GREY	D043	167,00	A106	404,70				
				D044	169,60	A108	409,90				
112	SPECTRUM	SI-9B-ATRS35SP3A80	ANTARES BEIGE	D188	544,00	A109	412,50				
				D196	564,80	A110	415,10				
113	SPECTRUM	SI-9B-HNSL35SP1A80	HANSSEL BEIGE	D174	507,60	A111	417,70				
				D182	528,40	A115	428,10				
114	SPECTRUM	SI-9B-DANV35SP2A80	DANVER BEIGE	D046	174,80	A118	435,90				
				D047	177,40	A122	446,30				
115	SPECTRUM	SI-9B-DANV15SP2A80	DANVER GREY	D048	180,00	A126	456,70				
				D049	182,60	A127	459,30				
116	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	A010	155,10	A128	461,90				
				A011	157,70	A129	464,50				
				A012	160,30	A135	480,10				
				A013	162,90	A095	376,10				
				A016	170,70	A107	407,30				
				A021	183,70	A109	412,50				
				A038	227,90	A124	451,50				
				A040	233,10	A125	454,10				
				A043	240,90	A134	477,50				
				A044	243,50	A136	482,70				
				A054	269,50	A139	490,50				
				D069	234,60	A140	493,10				
				D074	247,60	A141	495,70				
				D075	250,20	A142	498,30				
				D078	258,00	A143	500,90				
				D079	260,60	A146	508,70				
				D080	263,20	A012	160,30				
				D084	273,60	A022	186,30				
				D115	354,20	A033	214,90				
				D116	356,80	A034	217,50				
				D125	380,20	A038	227,90				
				D152	450,40	A039	230,50				
				D156	460,80	A042	238,30				
				D161	473,80	A045	246,10				
D171	499,80	A058	279,90								
D172	502,40	A061	287,70								
D177	515,40	A062	290,30								
D194	559,60	A068	305,90								
D198	570,00	A112	420,30								
D204	250,72	A113	422,90								
117	SPECTRUM	SI-9B-ORIN15SP3A80	ORION GREY	A101	399,50	A105	402,10				
				A106	404,70	A108	409,90				
118	SPECTRUM	SI-9B-ORIN35SP3A80	ORION BEIGE	A109	412,50	A110	415,10				
				A111	417,70	A115	428,10				
				A118	435,90	A122	446,30				
				A126	456,70	A127	459,30				
				A128	461,90	A129	464,50				
				A135	480,10	A095	376,10				
				A107	407,30	A109	412,50				
				A124	451,50	A125	454,10				
				A134	477,50	A136	482,70				
				A139	490,50	A140	493,10				
				A141	495,70	A142	498,30				
				A143	500,90	A146	508,70				
				119	SPECTRUM	SI-9B-ALPA15SP3A80	ALPHA GREY	A012	160,30	A022	186,30
								A033	214,90	A034	217,50
A038	227,90	A039	230,50								
A042	238,30	A045	246,10								
A058	279,90	A061	287,70								
A062	290,30	A068	305,90								
A112	420,30	A113	422,90								

No	Brand	Material	Material Description	Storage Bin	Jarak
119	SPECTRUM	SI-9B-ALPA15SP3A80	ALPHA GREY	A122	446,30
				A138	487,90
120	SPECTRUM	SI-9B-MTPR15SP1A80	MARTAPURA GREY	D067	229,40
				D119	364,60
				D129	390,60
				D137	411,40
				D162	476,40
				D164	481,60
				D187	541,40
				D190	549,20
				D200	575,20
				D212	271,52
				D214	276,72
				D219	289,72
121	SPECTRUM	SI-9B-ALPA35SP3A80	ALPHA BEIGE	A117	433,30
				A131	469,70
				A132	472,30
				A133	474,90
				A136	482,70
				A138	487,90
				A144	503,50
				A145	506,10
				D063	219,00
				D114	351,60
122	SPECTRUM	SI-9B-MTPR35SP1A80	MARTAPURA BEIGE	D186	538,80
				D192	554,40
				D197	567,40
				D202	245,52
				A034	217,50
123	SPECTRUM	SI-9B-ADNS15SP3A80	ADONIS GREY	A062	290,30
				A068	305,90
				A082	342,30
				A115	428,10
				A116	430,70
				A118	435,90
				A119	438,50
				A123	448,90
				A086	352,70
				A092	368,30
124	SPECTRUM	SI-9B-ADNS35SP3A80	ADONIS BEIGE	A101	391,70
				A103	396,90
				D064	221,60
				D065	224,20
125	SPECTRUM	SI-9B-AVAN15SP2A80	AVIANO GREY	D104	325,60
				D112	346,40
				D120	367,20
				D124	377,60
				D189	546,60
				D205	253,32
				D042	164,40
126	SPECTRUM	SI-9A-NCHC00SP3A80	NEO CHARCOAL BLACK	D054	195,60
				D060	211,20
				D117	359,40
				D194	559,60
				D195	562,20
				D217	284,52
				A014	165,50
				A017	173,30
				A018	175,90
				A049	256,50
127	SPECTRUM	SI-9B-ADNS75SP3A80	ADONIS GREEN	A050	259,10
				A077	329,30
				A114	425,50
				A120	441,10
				A128	461,90
				A129	464,50
				A130	467,10
				A137	485,30
				A144	503,50
				D071	239,80
				D072	242,40
				128	SPECTRUM
D111	343,80				
D141	421,80				
D189	546,60				
D190	549,20				
D191	551,80				
D221	294,92				
D180	523,20				
D046	174,80				
D113	349,00				
129	SPECTRUM	SI-9B-GLNG15SP1A80	GALUNGGUNG GREY	D180	523,20
				D046	174,80
130	SPECTRUM	SI-9B-AVTI35SPPA80	AVANTI BEIGE	D113	349,00
				D158	466,00
130	SPECTRUM	SI-9B-AVTI35SPPA80	AVANTI BEIGE	D193	557,00
				D074	247,60
131	SPECTRUM	SI-9B-JBRN15SP1A80	JIMBARAN GREY	D182	528,40
				D201	242,92
				D081	265,80
132	SPECTRUM	SI-9B-AVTI15SPPA80	AVANTI GREY	D106	330,80
				D175	510,20
				D193	557,00
				D137	411,40
				D138	414,00
133	SPECTRUM	SI-9B-BETA15SPPA80	NEO BETHA GREY	D159	468,60
				D160	471,20
				D176	512,80
				D178	518,00
				D181	525,80
				D191	551,80
				D215	279,32
				D218	287,12
				D094	299,60
				D095	302,20
134	SPECTRUM	SI-9B-AVAN35SP2A80	AVIANO BEIGE	D102	320,40
				D109	338,60
				D131	395,80
				D174	507,60
				D189	546,60
				D191	551,80
				D206	255,92
				D206	255,92
Spectrum 30x30					
135	SPECTRUM	SK-9A-003706SPPA99	SPECTRUM WHITE	A165	558,10
				A175	584,10
136	SPECTRUM	SK-8A-003906SP3B99	PREMIUM WHITE	A196	638,70
				A195	636,10
				F164	179,76
				A178	591,90
				C194	587,55
				C196	592,75
				C196	592,75
Spectrum 20x20					
141	SPECTRUM	SL-7G-ONTR55SP1AA0	ONTARIO BROWN	C176	540,75
				C188	571,95
142	SPECTRUM	SL-7G-CHRD35SP1AA0	CHARADE BEIGE	A141	495,7
				C153	480,95
143	SPECTRUM	SL-7G-CHRD65SP1AA0	CHARADE BLUE	C156	488,75
				C156	488,75
144	SPECTRUM	SL-7G-ONTR65SP1AA0	ONTARIO BLUE	C188	571,95
				C190	577,15
145	SPECTRUM	SL-7R-NRTH37SP2AA0	NORTHTRIDGE 01 TAUPE	F157	187,04
				C191	579,75
				C197	595,35
146	SPECTRUM	SL-7G-ONTR75SP1AA0	ONTARIO GREEN	C198	597,95
				C198	597,95
147	SPECTRUM	SL-7G-CHRD75SP1AA0	CHARADE GREEN	C190	577,15
				E098	648,86
148	SPECTRUM	SL-7G-CHRD15SP1AA0	CHARADE GREY	C190	577,15
				E098	648,86
149	SPECTRUM	SL-7R-RIDV45SP2AA0	RIDGEVIEW CREAM	C190	577,15
				E098	648,86
Spectrum 20x25					
150	SPECTRUM	SLP6B-PRIM65SP1LC8	PRIMA BLUE	C154	483,55
				C160	499,15
151	SPECTRUM	SLP6B-PRME75SP1LC8	PRIMEIRO GREEN	C168	519,95
				C170	525,15
152	SPECTRUM	SLP6A-001702SP2LC8	GLOSSY WHITE	C171	527,75
				C174	535,55
153	SPECTRUM	SLP6B-NRON75SP1LC8	NERON GREEN	C178	545,95
				C178	545,95
154	SPECTRUM	SLP6B-PRME65SP1LC8	PRIMEIRO BLUE	C179	548,55
				C179	548,55
155	SPECTRUM	SLP6B-PRME15SP1LC8	PRIMEIRO GREY	D164	481,6
				D184	533,6
156	SPECTRUM	SLP6B-PRME35SP1LC8	PRIMEIRO BEIGE	C195	590,15
				C162	504,35
157	SPECTRUM	SLP6M-CLSA75SP1LC8	CELOSIA GREEN	C195	590,15
				C195	590,15
158	SPECTRUM	SLP6B-PRIM35SP1LC8	PRIMA BEIGE	C180	551,15
				C154	483,55
159	SPECTRUM	SLP6B-PRIM75SP1LC8	PRIMA GREEN	C164	509,55
				C181	553,75
160	SPECTRUM	SLP6M-IRIS85SP1LC8	IRIS PINK	C183	558,95
				C183	558,95
161	SPECTRUM	SLP6B-NRON35SP1LC8	NERON BEIGE	C189	574,55
				C154	483,55
162	SPECTRUM	SLP6M-CLSA85SP1LC8	CELOSIA PINK	C154	483,55
				C164	509,55
163	SPECTRUM	SLP6B-NRON85SP1LC8	NERON PINK	C164	509,55
				C181	553,75
164	SPECTRUM	SLP6M-IRIS65SP1LC8	IRIS BLUE	C183	558,95
				C183	558,95
165	SPECTRUM	SLP6B-NRON15SP1LC8	NERON GREY	C189	574,55
				C154	483,55
166	SPECTRUM	SLP6M-CLSA35SP1LC8	CELOSIA BEIGE	C164	509,55
				C165	512,15
				C169	522,55
				C184	561,55
				C129	418,55
167	SPECTRUM	SLP6M-IRIS75SP1LC8	IRIS GREEN	C146	462,75
				C132	426,35
168	SPECTRUM	SLP6B-NRON65SP1LC8	NERON BLUE	C133	428,95
				C133	428,95
169	SPECTRUM	SLP6M-CLSA65SP1LC8	CELOSIA BLUE	C154	483,55
				C154	483,55
170	SPECTRUM	SLP6B-PRIM15SP1LC8	PRIMA PINK	C154	483,55
				C158	493,95
171	SPECTRUM	SLP6M-IRIS35SP2LC8	IRIS BEIGE	C158	493,95
				C158	493,95
Total Jarak (m)					378446

Lampiran 17 Perhitungan Jarak *Layout* Alternatif 1

Signature Ukuran 40x40

No	Brand	Material	Material Description	Storage Bin	Jarak	No	Brand	Material	Material Description	Storage Bin	Jarak				
1	SIGNATURE	SI-9G-NRGD3SSG1A80	NEO RIOGRANDE BEIGE	B010	127,21	9	SIGNATURE	SI-9G-RVST54SG1A80	RIVERSTONE COFFEE	B081	311,81				
				B011	129,81					B082	314,41				
				B012	132,41					B083	317,01				
				B013	135,01					B084	319,61				
2	SIGNATURE	SI-9G-NRGD15SG1A80	NEO RIOGRANDE GREY	B014	137,61					B086	324,81				
				B015	140,21					B087	327,41				
				B016	142,81					B088	330,01				
				B017	145,41					B089	332,61				
3	SIGNATURE	SI-9G-JNIR3SSG1A80	JANEIRO BEIGE	B018	148,01					B090	335,21				
				B019	150,61					B091	337,81				
				B020	153,21					B092	340,41				
				B021	155,81					B093	343,01				
				B022	158,41	B094	345,61								
				B023	161,01	B095	348,21								
				B024	163,61	B096	350,81								
				B025	166,21	B097	353,41								
				B026	168,81	B098	356,01								
				B027	171,41	B099	358,61								
4	SIGNATURE	SI-9G-NPBL17SG1A80	NEO PEBBLE STONE	B028	174,01	B100	361,21								
				B029	176,61	B101	363,81								
				B030	179,21	B102	366,41								
				B031	181,81	B103	369,01								
				B032	184,41	B104	371,61								
				B033	187,01	B105	374,21								
				B034	189,61	B106	376,81								
				B035	192,21	B107	379,41								
				B036	194,81	B108	382,01								
				B037	197,41	B109	384,61								
5	SIGNATURE	SI-9G-ARLA15SG1A80	ARALIA GREY	B038	200,01	B110	387,21								
				B039	202,61	B111	389,81								
				B040	205,21	B112	392,41								
				B042	210,41	B113	395,01								
				B043	213,01	B114	397,61								
				B044	215,61	B115	400,21								
6	SIGNATURE	SI-9G-VTRN55SG2A80	VICTORIAN BROWN	B045	218,21	B116	402,81								
				B046	220,81	B117	405,41								
				B047	223,41	B118	408,01								
				B048	226,01	B119	410,61								
				B049	228,61	B120	413,21								
				B050	231,21	B121	415,81								
				B051	233,81	B122	418,41								
				B052	236,41	B123	421,01								
				B053	239,01	B124	423,61								
				B054	241,61	B125	426,21								
7	SIGNATURE	SI-9G-JNIR15SG1A80	JANEIRO GREY	B055	244,21	B126	428,81								
				B056	246,81	B127	431,41								
				B057	249,41	B128	434,01								
				B058	252,01	B129	436,61								
				B059	254,61	B130	439,21								
				B060	257,21	B131	441,81								
				B061	259,81	B132	444,41								
				B062	262,41	B133	447,01								
				B063	265,01	B134	449,61								
				B064	267,61	B135	452,21								
8	SIGNATURE	SI-9M-WLLW56SG1A80	WILLOW SILVER	B065	270,21	B136	454,81								
				B066	272,81	B137	457,41								
				B067	275,41	B138	460,01								
				B068	278,01	B139	462,61								
				B069	280,61	B140	465,21								
				B070	283,21	B141	467,81								
				B071	285,81	B142	470,41								
				B072	288,41	B143	473,01								
				B073	291,01	B144	475,61								
				B074	293,61	B145	478,21								
9	SIGNATURE	SI-9G-CLDN35SG1A80	CALEDONIA BEIGE	B075	296,21	B146	480,81								
				B076	298,81	B148	486,01								
				B077	301,41	B149	488,61								
				B078	304,01	B150	491,21								
				B079	306,61	B151	493,81								
				B080	309,21	B153	499,01								
				10	SIGNATURE	SI-9G-VTRN15SG2A80	VICTORIAN GREY	B081	311,81	11	SIGNATURE	SI-9G-NVRE15SG1A80	NAVARRE GREY	B081	311,81
								B082	314,41					B082	314,41
								B083	317,01					B083	317,01
								B084	319,61					B084	319,61
B086	324,81	B086	324,81												
B087	327,41	B087	327,41												
B088	330,01	B088	330,01												
B089	332,61	B089	332,61												
B090	335,21	B090	335,21												
B091	337,81	B091	337,81												
11	SIGNATURE	SI-9G-NVRE15SG1A80	NAVARRE GREY	B092	340,41	12	SIGNATURE	SI-9G-NPBL32SG1A80	NEO PEBBLE SAND	B092	340,41				
				B093	343,01					B093	343,01				
				B094	345,61					B094	345,61				
				B095	348,21					B095	348,21				
				B096	350,81					B096	350,81				
				B097	353,41					B097	353,41				
				B098	356,01					B098	356,01				
				B099	358,61					B099	358,61				
				B100	361,21					B100	361,21				
				B101	363,81					B101	363,81				
12	SIGNATURE	SI-9G-NPBL32SG1A80	NEO PEBBLE SAND	B102	366,41	13	SIGNATURE	SI-9G-ARLA55SG1A80	ARALIA BROWN	B102	366,41				
				B103	369,01					B103	369,01				
				B104	371,61					B104	371,61				
				B105	374,21					B105	374,21				
				B106	376,81					B106	376,81				
				B107	379,41					B107	379,41				
				B108	382,01					B108	382,01				
				B109	384,61					B109	384,61				
				B110	387,21					B110	387,21				
				B111	389,81					B111	389,81				
13	SIGNATURE	SI-9G-ARLA55SG1A80	ARALIA BROWN	B112	392,41	14	SIGNATURE	SI-9G-NVRE35SG1A80	NAVARRE BEIGE	B112	392,41				
				B113	395,01					B113	395,01				
				B114	397,61					B114	397,61				
				B115	400,21					B115	400,21				
				B116	402,81					B116	402,81				
				B117	405,41					B117	405,41				
				B118	408,01					B118	408,01				
				B119	410,61					B119	410,61				
				B120	413,21					B120	413,21				
				B121	415,81					B121	415,81				
14	SIGNATURE	SI-9G-NVRE35SG1A80	NAVARRE BEIGE	B122	418,41	15	SIGNATURE	SI-9G-CLDN35SG1A80	CALEDONIA BEIGE	B122	418,41				
				B123	421,01					B123	421,01				
				B124	423,61					B124	423,61				
				B125	426,21					B125	426,21				
				B126	428,81					B126	428,81				
				B127	431,41					B127	431,41				
				B128	434,01					B128	434,01				
				B129	436,61					B129	436,61				
				B130	439,21					B130	439,21				
				B131	441,81					B131	441,81				
15	SIGNATURE	SI-9G-CLDN35SG1A80	CALEDONIA BEIGE	B132	444,41	16	SIGNATURE	SI-9G-CLDN15SG1A80	CALEDONIA GREY	B132	444,41				
				B133	447,01					B133	447,01				
				B134	449,61					B134	449,61				
				B135	452,21					B135	452,21				
				B136	454,81					B136	454,81				
				B137	457,41					B137	457,41				
				B138	460,01					B138	460,01				
				B139	462,61					B139	462,61				
				B140	465,21					B140	465,21				
				B141	467,81					B141	467,81				
16	SIGNATURE	SI-9G-CLDN15SG1A80	CALEDONIA GREY	B142	470,41	17	SIGNATURE	SI-9G-CAND35SG1A80	CANADIAN BEIGE	B142	470,41				
				B143	473,01					B143	473,01				
				B144	475,61					B144	475,61				
				B145	478,21					B145	478,21				
				B146	480,81					B146	480,81				
				B148	486,01					B148	486,01				
				B149	488,61					B149	488,61				
				B150	491,21					B150	491,21				
				B151	493,81					B151	493,81				
				B153	499,01					B153	499,01				

No	Brand	Material	Material Description	Storage Bin	Jarak
42	SIGNATURE	SI-9R-EVRS33SG1A80	EVEREST SAND	D182	528,40
43	SIGNATURE	SI-9R-EVRS34SG1A80	EVEREST TAUPE	D183	531,00
				D184	533,60
				D185	536,20
				D186	538,80
				D187	541,40
44	SIGNATURE	SI-9A-001945SG2A80	GLOSSY CREAM	D188	544,00
				D189	546,60
				D190	549,20
				D191	551,80
				D192	554,40
				D193	557,00
				D194	559,60
				D195	562,20
				D196	564,80
				D197	567,40
				D198	570,00
				D199	572,60
D200	575,20				
Signature Ukuran 30x30					
45	SIGNATURE	SK-9R-SDST35SG1A99	SANDSTONE BEIGE	C122	400,35
46	SIGNATURE	SK-8R-BRST06SG2A99	BRISTOL WHITE	C123	402,95
47	SIGNATURE	SK-8G-ABDN15SG1A99	ABERDEEN GREY	C124	405,55
48	SIGNATURE	SK-8G-BACN15SG1A99	BALCON GRIGIO	C125	408,15
				C126	410,75
				C127	413,35
49	SIGNATURE	SK-8R-CLES19SG2A99	CELESTE DARK GREY	C128	415,95
50	SIGNATURE	SK-8R-NBST08SG1A99	NEO BRISTOL WHITE	C129	418,55
				C130	421,15
				C131	423,75
51	SIGNATURE	SK-8R-NCL515SG1A99	NEO CELESTE GREY	C132	426,35
52	SIGNATURE	SK-8G-ORTG55SG1A99	ORTEGA BROWN	C133	428,95
				C134	431,55
				C135	434,15
				C136	436,75
				C137	439,35
				C138	441,95
				C139	444,55
Signature Ukuran 30x60					
53	SIGNATURE	SKVAB-AQLA35SG1A56	AQUILA BEIGE, 0,9M2/BOX	C090	317,15
				C091	319,75
				C092	322,35
54	SIGNATURE	SKVAB-FNCS35SG1A56	FRANCIS BEIGE, 0,9M2/BOX	C093	324,95
				C094	327,55
				C095	330,15
55	SIGNATURE	SKVAB-AQLA15SG1A56	AQUILA GRIGIO, 0,9M2/BOX	C096	332,75
				C097	335,35
				C098	337,95
				C099	340,55
				C100	343,15
56	SIGNATURE	SKVAB-SPLD05SG1A56	SPLENDOR BIANCO, 0,9M2/BOX	C101	345,75
				C102	348,35
				C103	350,95
57	SIGNATURE	SKVAA-00192SG2A56	GLOSSY WHITE, 0,9M2/BOX	C104	353,55
				C105	356,15
				C106	358,75
58	SIGNATURE	SKVAB-GLNA55SG1A56	GALENA BROWN, 0,9M2/BOX	C107	361,35
				C108	363,95
				C109	366,55
				C110	369,15
59	SIGNATURE	SKVAB-GLNA54SG1A56	GALENA LIGHT BROWN, 0,9M2/BOX	C111	371,75
				C112	374,35
60	SIGNATURE	SKVAM-DNSE35SG1A56	DANISE BEIGE, 0,9M2/BOX	C113	376,95
				C114	379,55
				C115	382,15
61	SIGNATURE	SKVAB-ABST35SG1A56	ALABASTRO BEIGE, 0,9M2/BOX	C116	384,75
				C117	387,35
Signature Ukuran 20X20					
62	SIGNATURE	SL-6A-001903SG2BC0	GLOSSY WHITE	C117	387,35
63	SIGNATURE	SL-6A-001903SG1BC0	GLOSSY WHITE NW	C118	389,95
				C119	392,55
64	SIGNATURE	SL-6A-001941SG2AC0	PASTEL BISCUIT	C120	395,15
				C121	397,75
65	SIGNATURE	SP-7G-URBN35SG1A96	URBAN BEIGE	D201	242,92
				D202	245,52
				D203	248,12
				D204	250,72
				D205	253,32
				D206	255,92
				D207	258,52
				D208	261,12

No	Brand	Material	Material Description	Storage Bin	Jarak
Signature Ukuran 25X25					
66	SIGNATURE	SP-7G-NMZC65SG1A96	NEO MOZAIKO BLUE	D208	261,12
				D209	263,72
				D210	266,32
				D211	268,92
				D212	271,52
				D213	274,12
				D214	276,72
				D215	279,32
				D216	281,92
				D217	284,52
67	SIGNATURE	SP-7G-BRIL35SG1A96	BRILLO BEIGE	D218	287,12
				D219	289,72
				D220	292,32
				D221	294,92
				D222	297,52
				D223	300,12
				D224	302,72
				D225	305,32
				D103	323,00
				D104	325,60
				D105	328,20
				68	SIGNATURE
D107	333,40				
D108	336,00				
D109	338,60				
D110	341,20				
D111	343,80				
D112	346,40				
D113	349,00				
D114	351,60				
D115	354,20				
69	SIGNATURE	SP-7G-BRIL65SG1A96	BRILLO BLUE	D116	356,80
				D117	359,40
				D118	362,00
				D119	364,60
				D120	367,20
				D122	372,40
				D123	375,00
70	SIGNATURE	SP-7G-URBN15SG1A96	URBAN GREY	D124	377,60
				D125	380,20
				D126	382,80
				D127	385,40
71	SIGNATURE	SP-7R-CLES18SG2A96	CELESTE DARK GREY	D128	388,00
D129	390,60				
Signature Ukuran 25X40					
72	SIGNATURE	SPI7B-TIMB35SG2A84	TIMBER BEIGE	C010	109,15
				C011	111,75
73	SIGNATURE	SPI7M-PLCE37SG1A84	PALACE DECO BEIGE	C012	114,35
74	SIGNATURE	SPI7M-LYRA55SG1A84	LYRA BROWN	C013	116,95
				C014	119,55
				C015	122,15
75	SIGNATURE	SPI7L-PRD145SG1A84	PARADISEA CREAM	C016	124,75
				C017	127,35
				C018	129,95
				C019	132,55
76	SIGNATURE	SPI7M-ALTM75SG1A84	ALTIMA GREEN	C020	135,15
77	SIGNATURE	SPI7M-ALTM65SG1A84	ALTIMA BLUE	C021	137,75
				C022	140,35
78	SIGNATURE	SPI7M-DASY05SG1A84	DAISY BIANCO	C023	142,95
				C024	145,55
				C025	148,15
79	SIGNATURE	SPI7L-PRD136SG1A84	PARADISEA ART BEIGE	C026	150,75
				C027	153,35
				C028	155,95
				C029	158,55
80	SIGNATURE	SPI7C-DMND35SG1A84	DIAMOND BEIGE	C030	161,15
				C031	163,75
				C032	166,35
81	SIGNATURE	SPI7B-TIMB15SG2A84	TIMBER GREY	C033	168,95
				C034	171,55
82	SIGNATURE	SPI7M-PLCE67SG1A84	PALACE DECO BLUE	C035	174,15
				C036	176,75
83	SIGNATURE	SPI7M-AZLA65SG1A84	AZALIA BLUE	C037	179,35
84	SIGNATURE	SPI7M-VLNO65SG1A84	VALINO BLUE	C038	181,95
85	SIGNATURE	SPI7M-VLNO15SG1A84	VALINO GREY	C039	184,55
86	SIGNATURE	SPI7M-PLCE65SG2A84	PALACE BLUE	C040	187,15
87	SIGNATURE	SPI7A-001902SG1A84	GLOSSY WHITE	C042	192,35
88	SIGNATURE	SPI7L-PRD135SG1A84	PARADISEA BEIGE	C043	194,95
89	SIGNATURE	SPI7B-VEGA15SG1A84	VEGA GREY	C044	197,55
90	SIGNATURE	SPI7B-TIMB55SG2A84	TIMBER BROWN	C044	197,55

No	Brand	Material	Material Description	Storage Bin	Jarak	No	Brand	Material	Material Description	Storage Bin	Jarak
90	SIGNATURE	SPI7B-TIMB55SG2A84	TIMBER BROWN	C045	200,15	116	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	F147	213,04
				C046	202,75					F148	210,44
C047	205,35	F149	207,84								
C048	207,95	F150	205,24								
91	SIGNATURE	SPI7M-AZLA75SG1A84	AZALIA GREEN	C049	210,55					F151	202,64
				C050	213,15					F152	200,04
				C051	215,75					F153	197,44
				C052	218,35					F154	194,84
				C053	220,95					F155	192,24
92	SIGNATURE	SPI7L-ILSN35SG1A84	ILLUSION BEIGE	C054	223,55					F156	189,64
				C055	226,15					F157	187,04
93	SIGNATURE	SPI7L-ILSN155G1A84	ILLUSION GREY	C056	228,75					F158	184,44
				C057	231,35					F159	181,84
94	SIGNATURE	SPI7M-VLNO35SG1A84	VALINO BEIGE	C058	233,95					F160	179,24
				C059	236,55					F161	176,64
95	SIGNATURE	SPI7B-VEGA35SG1A84	VEGA BEIGE	C060	239,15					F162	174,56
				C061	241,75					F163	177,16
96	SIGNATURE	SPI7M-AZLA06SG1A84	AZALIA BIANCO	C062	244,35					F164	179,76
				C063	246,95					F165	146,86
97	SIGNATURE	SPI7M-VLNO75SG1A84	VALINO GREEN	C064	249,55					F166	146,34
				C065	252,15					F167	148,94
98	SIGNATURE	SPI7C-DMND15SG1A84	DIAMOND GREY	C066	254,75					F168	151,54
				C067	257,35					F169	154,14
99	SIGNATURE	SPI7M-PLCE35SG2A84	PALACE BEIGE	C068	259,95					F170	156,74
				C069	262,55	F171	159,34				
100	SIGNATURE	SPI7L-UNVL16SG2A84	UNIVERSALE ART GREY	C070	265,15	A027	199,30				
				C071	267,75	A028	201,90				
101	SIGNATURE	SPI7C-DMND16SG1A84	DIAMOND ART GREY	C072	270,35	A029	204,50				
				C073	272,95	A030	207,10				
102	SIGNATURE	SPI7C-DMND36SG1A84	DIAMOND ART BEIGE	C074	275,55	A031	209,70				
				C075	278,15	A032	212,30				
103	SIGNATURE	SPI7B-LAVD05SG2A84	LAVANDA BIANCO	C076	280,75	A033	214,90				
				C077	283,35	A034	217,50				
104	SIGNATURE	SPI7M-LYRA57SG1A84	LYRA DECO BROWN	C078	285,95	A035	220,10				
				C079	288,55	A036	222,70				
105	SIGNATURE	SPTAB-TRST35SG1A72	TRIESTE BEIGE	C080	291,15	A037	225,30				
				C081	293,75	A038	227,90				
106	SIGNATURE	SPTAM-LVNZ28SG1A72	LIVENZA DECO GIALLO	C082	296,35	A039	230,50				
				C083	298,95	A040	233,10				
107	SIGNATURE	SPTAM-LVNZ17SG1A72	LIVENZA DECO GRIGIO	C084	301,55	A042	238,30				
				C086	306,75	A043	240,90				
108	SIGNATURE	SPI7L-UNVL36SG2A84	UNIVERSALE ART BEIGE	C087	309,35	A044	243,50				
				C088	311,95	A045	246,10				
Spectrum Ukuran 40x40						118	SPECTRUM	SI-9B-ORIN15SP3A80	ORION GREY	A046	248,70
109	SPECTRUM	SI-9B-GLNG35SP1A80	GALUNGGUNG BEIGE	A010	155,10					A047	251,30
110	SPECTRUM	SI-9B-JBRN35SP1A80	JIMBARAN BEIGE	A011	157,70					A048	253,90
111	SPECTRUM	SI-9B-ATRS15SP3A80	ANTARES GREY	A012	160,30					A049	256,50
				A013	162,90					A050	259,10
112	SPECTRUM	SI-9B-ATRS35SP3A80	ANTARES BEIGE	A014	165,50					A051	261,70
				A015	168,10					A052	264,30
113	SPECTRUM	SI-9B-HNSL35SP1A80	HANSEL BEIGE	A016	170,70					A053	266,90
				A017	173,30					A054	269,50
114	SPECTRUM	SI-9B-DANV35SP2A80	DANVER BEIGE	A018	175,90					A055	272,10
				A019	178,50					A056	274,70
115	SPECTRUM	SI-9B-DANV15SP2A80	DANVER GREY	A020	181,10					A057	277,30
116	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	F121	212,64					A058	279,90
				F122	210,04					A059	282,50
				F123	207,44					A060	285,10
				F124	204,84					A061	287,70
				F125	202,24					A062	290,30
				F126	199,64					A063	292,90
				F127	197,04					A064	295,50
				F128	194,44					A065	298,10
				F129	191,84					A066	300,70
				F130	189,24					A067	303,30
				F131	186,64					A068	305,90
				F132	184,04					A069	308,50
				F133	181,44	A070	311,10				
				F134	178,84	A071	313,70				
				F135	176,24	A072	316,30				
				117	SPECTRUM	SI-9B-ORIN15SP3A80	ORION BEIGE	F136	173,64	A073	318,90
F139	233,84	A074	321,50								
118	SPECTRUM	SI-9B-MTPR15SP1A80	MARTAPURA GREY	F140	231,24	A075	324,10				
				F141	228,64	A076	326,70				
119	SPECTRUM	SI-9B-ALPA15SP3A80	ALPHA GREY	F142	226,04	A077	329,30				
				F143	223,44	A078	331,90				
120	SPECTRUM	SI-9B-ALPA35SP3A80	ALPHA BEIGE	F144	220,84	A079	334,50				
				F145	218,24	A080	337,10				
121	SPECTRUM	SI-9B-ALPA35SP3A80	ALPHA BEIGE	F146	215,64	A081	339,70				
						A082	342,30				

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No	Brand	Material	Material Description	Storage Bin	Jarak
121	SPECTRUM	SI-9B-ALPA3SSP3A80	ALPHA BEIGE	A083	344,90
				A084	347,50
				A086	352,70
122	SPECTRUM	SI-9B-MTPR3SSP1A80	MARTAPURA BEIGE	A087	355,30
				A088	357,90
				A089	360,50
				A090	363,10
				A091	365,70
				A092	368,30
123	SPECTRUM	SI-9B-ADNS1SSP3A80	ADONIS GREY	A093	370,90
				A094	373,50
				A095	376,10
				A096	378,70
				A097	381,30
				A098	383,90
				A099	386,50
				A100	389,10
				A101	391,70
124	SPECTRUM	SI-9B-ADNS3SSP3A80	ADONIS BEIGE	A102	394,30
				A103	396,90
				A104	399,50
125	SPECTRUM	SI-9B-AVAN1SSP2A80	AVIANO GREY	A105	402,10
				A106	404,70
				A107	407,30
				A108	409,90
				A109	412,50
				A110	415,10
				A111	417,70
				A112	420,30
				A113	422,90
				A114	425,50
126	SPECTRUM	SI-9A-NCHC00SP3A80	NEO CHARCOAL BLACK	A115	428,10
				A116	430,70
				A117	433,30
				A118	435,90
				A119	438,50
				A120	441,10
127	SPECTRUM	SI-9B-ADNS7SSP3A80	ADONIS GREEN	A121	443,70
				A122	446,30
				A123	448,90
				A124	451,50
				A125	454,10
				A126	456,70
				A127	459,30
				A128	461,90
				A129	464,50
				A130	467,10
128	SPECTRUM	SI-9B-BETA3SSPPA80	NEO BETHA BEIGE	A131	469,70
				A132	472,30
				A133	474,90
				A134	477,50
				A135	480,10
				A136	482,70
129	SPECTRUM	SI-9B-GLNG1SSP1A80	GALUNGGUNG GREY	A137	485,30
				A138	487,90
				A139	490,50
				A140	493,10
				A141	495,70
130	SPECTRUM	SI-9B-AVTI3SSPPA80	AVANTI BEIGE	A142	498,30
				A143	500,90
				A144	503,50
				A145	506,10
				A146	508,70
131	SPECTRUM	SI-9B-JBRN1SSP1A80	JIMBARAN GREY	A147	511,30
				A148	513,90
132	SPECTRUM	SI-9B-AVTI1SSPPA80	AVANTI GREY	A149	516,50
				A150	519,10
133	SPECTRUM	SI-9B-BETA1SSPPA80	NEO BETHA GREY	A151	521,70
				A152	524,30
				A153	526,90
				A154	529,50
				A155	532,10
				A156	534,70
				A157	537,30
				A158	539,90
134	SPECTRUM	SI-9B-AVAN3SSP2A80	AVIANO BEIGE	A159	542,50
				A160	545,10
				A161	547,70
				A162	550,30
				A163	552,90
				A164	555,50
				A165	558,10
A166	560,70				
A167	563,30				

No	Brand	Material	Material Description	Storage Bin	Jarak
Spectrum Ukuran 30x30					
135	SPECTRUM	SK-9A-003706SPPA99	SPECTRUM WHITE	D075	250,20
				D076	245,52
				D077	248,12
				D078	250,72
				D079	253,32
				D080	255,92
				D081	258,52
136	SPECTRUM	SK-8A-003906SP3B99	PREMIUM WHITE	D082	261,12
137	SPECTRUM	SK-8R-BSLT6SSPPA99	BASALT BLUE	D083	263,72
138	SPECTRUM	SK-8B-NSND1SSP3A99	NEO SANDER GREY	D084	266,32
139	SPECTRUM	SK-8B-MLGA1SSPPA99	MALAGA GREY	D087	281,40
140	SPECTRUM	SK-8B-MLGA3SSPPA99	MALAGA BEIGE	D088	284,00
Spectrum Ukuran 20x20					
141	SPECTRUM	SL-7G-ONTR5SP1AA0	ONTARIO BROWN	D089	286,60
				D090	289,20
142	SPECTRUM	SL-7G-CHRD3SP1AA0	CHARADE BEIGE	D091	291,80
				D092	294,40
143	SPECTRUM	SL-7G-CHRD6SP1AA0	CHARADE BLUE	D093	297,00
				D094	299,60
144	SPECTRUM	SL-7G-ONTR6SP1AA0	ONTARIO BLUE	D095	302,20
145	SPECTRUM	SL-7R-NRTH37SP2AA0	NORTHTRIDGE 01 TAUPE	D096	304,80
				D097	307,40
146	SPECTRUM	SL-7G-ONTR7SP1AA0	ONTARIO GREEN	D098	310,00
147	SPECTRUM	SL-7G-CHRD7SP1AA0	CHARADE GREEN	D099	312,60
148	SPECTRUM	SL-7G-CHRD15SP1AA0	CHARADE GREY	D100	315,20
149	SPECTRUM	SL-7R-RIDV45SP2AA0	RIDGEVIEW CREAM	D101	317,80
				D102	320,40
Spectrum Ukuran 20x25					
150	SPECTRUM	SLP6B-PRIM6SP1LC8	PRIMA BLUE	D042	164,40
				D043	167,00
151	SPECTRUM	SLP6B-PRME7SP1LC8	PRIMEIRO GREEN	D044	169,60
				D045	172,20
152	SPECTRUM	SLP6A-001702SP2LC8	GLOSSY WHITE	D046	174,80
				D047	177,40
153	SPECTRUM	SLP6B-NRON7SP1LC8	NERON GREEN	D048	180,00
154	SPECTRUM	SLP6B-PRME6SP1LC8	PRIMEIRO BLUE	D049	182,60
155	SPECTRUM	SLP6B-PRME1SSP1LC8	PRIMEIRO GREY	D050	185,20
156	SPECTRUM	SLP6B-PRME3SP1LC8	PRIMEIRO BEIGE	D051	187,80
				D052	190,40
157	SPECTRUM	SLP6M-CLSA7SP1LC8	CELOSIA GREEN	D053	193,00
				D054	195,60
158	SPECTRUM	SLP6B-PRIM3SSP1LC8	PRIMA BEIGE	D055	198,20
				D056	200,80
159	SPECTRUM	SLP6B-PRIM7SP1LC8	PRIMA GREEN	D057	203,40
				D058	206,00
160	SPECTRUM	SLP6M-IRIS8SP1LC8	IRIS PINK	D059	208,60
				D060	211,20
161	SPECTRUM	SLP6B-NRON3SSP1LC8	NERON BEIGE	D061	213,80
				D062	216,40
162	SPECTRUM	SLP6M-CLSA8SP1LC8	CELOSIA PINK	D063	219,00
163	SPECTRUM	SLP6B-NRON8SP1LC8	NERON PINK	D064	221,60
164	SPECTRUM	SLP6M-IRIS6SP1LC8	IRIS BLUE	D065	224,20
165	SPECTRUM	SLP6B-NRON1SSP1LC8	NERON GREY	D066	226,80
				D067	229,40
166	SPECTRUM	SLP6M-CLSA3SSP1LC8	CELOSIA BEIGE	D068	232,00
				D069	234,60
167	SPECTRUM	SLP6M-IRIS7SP1LC8	IRIS GREEN	D070	237,20
168	SPECTRUM	SLP6B-NRON6SP1LC8	NERON BLUE	D071	239,80
169	SPECTRUM	SLP6M-CLSA6SP1LC8	CELOSIA BLUE	D072	242,40
				D073	245,00
170	SPECTRUM	SLP6B-PRIM1SSP1LC8	PRIMA PINK	D074	247,60
				D075	250,20
171	SPECTRUM	SLP6M-IRIS3SSP2LC8	IRIS BEIGE	D076	252,80
Total Jarak (m)					288722,2

Lampiran 18 Perhitungan Jarak *Layout* Alternatif 2

No	Brand	Material	Material Description	Storage Bin	Jarak				
1	SIGNATURE	SI-9G-NRGD3SSG1A80	NEO RIOGRANDE BEIGE	B010	127,21				
				B011	129,81				
				B012	132,41				
2	SIGNATURE	SI-9G-NRGD15SSG1A80	NEO RIOGRANDE GREY	B013	135,01				
				B014	137,61				
				B015	140,21				
3	SIGNATURE	SI-9G-JNIR35SG1A80	JANEIRO BEIGE	B016	142,81				
				B017	145,41				
				B018	148,01				
				B019	150,61				
				B020	153,21				
				B021	155,81				
				B022	158,41				
				B023	161,01				
				B024	163,61				
				B025	166,21				
				B026	168,81				
				B027	171,41				
				B028	174,01				
				B029	176,61				
				4	SIGNATURE	SI-9G-NPBL17SG1A80	NEO PEBBLE STONE	B030	179,21
B031	181,81								
B032	184,41								
B033	187,01								
B034	189,61								
B035	192,21								
B036	194,81								
5	SIGNATURE	SI-9G-ARLA15SG1A80	ARALIA GREY	B037	197,41				
				B038	200,01				
				B039	202,61				
				B040	205,21				
				B041	207,81				
				B042	210,41				
				B043	213,01				
				B044	215,61				
6	SIGNATURE	SI-9G-VTRN15SG2A80	VICTORIAN BROWN	B045	218,21				
				B046	220,81				
				B047	223,41				
				B048	226,01				
				B049	228,61				
				B050	231,21				
				B051	233,81				
				B052	236,41				
				B053	239,01				
				B054	241,61				
				B055	244,21				
7	SIGNATURE	SI-9G-JNIR15SG1A80	JANEIRO GREY	B056	246,81				
				B057	249,41				
				B058	252,01				
				B059	254,61				
				B060	257,21				
				B061	259,81				
				B062	262,41				
				B063	265,01				
				B064	267,61				
				B065	270,21				
				B066	272,81				
				B067	275,41				
8	SIGNATURE	SI-9M-WLLW56SG1A80	WILLOW SILVER	B068	278,01				
				B069	280,61				
				B070	283,21				
				B071	285,81				
				B072	288,41				
				B073	291,01				
				B074	293,61				
				B075	296,21				
				B076	298,81				
				B077	301,41				
				B078	304,01				
B079	306,61								
B080	309,21								
9	SIGNATURE	SI-9G-RVST54SG1A80	RIVERSTONE COFFEE	B081	311,81				
				B082	314,41				
				B083	317,01				
				B084	319,61				
				B086	324,81				
				B087	327,41				
				B088	330,01				
				B089	332,61				
				B090	335,21				
				B091	337,81				
				B092	340,41				
				B093	343,01				
				B094	345,61				
				B095	348,21				
				B096	350,81				
B097	353,41								
B098	356,01								
10	SIGNATURE	SI-9G-VTRN15SG2A80	VICTORIAN GREY	B099	358,61				
				B100	361,21				
				B101	363,81				
				B102	366,41				
				B103	369,01				
				B104	371,61				
				B105	374,21				
				B106	376,81				
				B107	379,41				
				B108	382,01				
11	SIGNATURE	SI-9G-NVRE15SG1A80	NAVARRE GREY	B109	384,61				
				B110	387,21				
				B111	389,81				
				B112	392,41				
				B113	395,01				
				B114	397,61				
				B115	400,21				
				B116	402,81				
				B117	405,41				
				B118	408,01				
				B119	410,61				
				12	SIGNATURE	SI-9G-NPBL32SG1A80	NEO PEBBLE SAND	B120	413,21
B121	415,81								
B122	418,41								
B123	421,01								
B124	423,61								
B125	426,21								
B126	428,81								
B127	431,41								
B128	434,01								
B129	436,61								
B130	439,21								
B131	441,81								
B132	444,41								
B133	447,01								
13	SIGNATURE	SI-9G-ARLA55SG1A80	ARALIA BROWN					B134	449,61
				B135	452,21				
				B136	454,81				
				B137	457,41				
				B138	460,01				
				B139	462,61				
				B140	465,21				
				B141	467,81				
				B142	470,41				
				B143	473,01				
				14	SIGNATURE	SI-9G-NVRE35SG1A80	NAVARRE BEIGE	B144	475,61
B145	478,21								
B146	480,81								
B148	486,01								
B149	488,61								
B150	491,21								
B151	493,81								
B152	496,41								
B153	499,01								
15	SIGNATURE	SI-9G-CLDN35SG1A80	CALEDONIA BEIGE					B154	501,61
								B155	504,21
								B156	506,81
				B157	509,41				
				B158	512,01				
				B159	514,61				
				B160	517,21				
				B161	519,81				
				B162	522,41				
				B163	525,01				
16	SIGNATURE	SI-9G-CLDN15SG1A80	CALEDONIA GREY	B164	527,61				
				B165	530,21				
				B166	532,81				
				B167	535,41				
				B168	538,01				
				B169	540,61				
				B170	543,21				
				B171	545,81				
				B172	548,41				
				B173	551,01				
17	SIGNATURE	SI-9G-CAND35SG1A80	CANADIAN BEIGE	B174	553,61				
				B175	556,21				
				B176	558,81				
				B177	561,41				
				B178	564,01				
				B179	566,61				
				B180	569,21				
				B181	571,81				
				B182	574,41				
				B183	577,01				

No	Brand	Material	Material Description	Storage Bin	Jarak	No	Brand	Material	Material Description	Storage Bin	Jarak
17	SIGNATURE	SI-9G-CAND35SGIA80	CANADIAN BEIGE	B154	501,61					C131	423,75
				B155	504,21					C132	426,35
				B156	506,81					C133	428,95
				B157	509,41					C134	431,55
18	SIGNATURE	SI-9G-ALPE55SGIA80	ALPENA BROWN	B158	512,01					C135	434,15
				B159	514,61					C136	436,75
				B160	517,21					C137	439,35
				B161	519,81					C138	441,95
				B162	522,41					C139	444,55
				B163	525,01					C140	447,15
				B164	527,61					C141	449,75
				B165	530,21					C142	452,35
				B166	532,81					C143	454,95
				B167	535,41					C144	457,55
				B168	538,01					C145	460,15
19	SIGNATURE	SI-9G-EDNA1SSGIA80	EDNA GREY	B169	540,61					C146	462,75
				B170	543,21					C147	465,35
				B171	545,81					C148	467,95
				B172	548,41					C149	470,55
20	SIGNATURE	SI-9G-RVST65SGIA80	RIVERSTONE MARINE	B173	551,01					C150	473,15
				B174	553,61					C151	475,75
				B175	556,21					C152	478,35
				B176	558,81					C153	480,95
				B177	561,41					C154	483,55
				B178	564,01					C155	486,15
				B179	566,61					C156	488,75
				B180	569,21					C157	491,35
21	SIGNATURE	SI-9R-NJRL1SSG2A80	NEO JURAL GREY	B181	571,81					C158	493,95
				B182	574,41					C159	496,55
				B183	577,01					C160	499,15
				B184	579,61					C161	501,75
				B185	582,21					C162	504,35
22	SIGNATURE	SI-9M-NHLW55SGIA80	NEO HOLYWOOD BROWN	B186	584,81					C163	506,95
				B187	587,41					C164	509,55
				B188	590,01					C165	512,15
				B189	592,61					C166	514,75
				B190	595,21					C167	517,35
				B191	597,81					C168	519,95
				B192	600,41					C169	522,55
				B193	603,01					C170	525,15
				B194	605,61					C171	527,75
				B195	608,21					C172	530,35
23	SIGNATURE	SI-9R-NJRL58SG2A80	NEO JURAL MOCHA	B196	610,81					C173	532,95
				B197	613,41					C174	535,55
				B198	616,01					C175	538,15
				B199	618,61					C176	540,75
				B200	621,21					C177	543,35
				C098	337,95					C178	545,95
				C099	340,55					C179	548,55
				C100	343,15					C180	551,15
				C101	345,75					C181	553,75
				C102	348,35					C182	556,35
24	SIGNATURE	SI-9G-ALPE1SSGIA80	ALPENA GREY	C103	350,95					C183	558,95
				C104	353,55					C184	561,55
				C105	356,15					C185	564,15
				C106	358,75					C186	566,75
				C107	361,35					C187	569,35
				C108	363,95					C188	571,95
				C109	366,55					C189	574,55
				C110	369,15					C190	577,15
				C111	371,75					C191	579,75
				C112	374,35					C192	582,35
				C113	376,95					C193	584,95
25	SIGNATURE	SI-9R-ARKN17SG2A80	ARKANSAS STONE	C114	379,55					C194	587,55
				C115	382,15					C195	590,15
				C116	384,75					C196	592,75
				C117	387,35					C197	595,35
				C118	389,95					C198	597,95
				C119	392,55					C199	600,55
				C120	395,15					C200	603,15
26	SIGNATURE	SI-9G-NLGS15SGIA80	NEO LAGOS GREY	C121	397,75					A148	513,90
				C122	400,35					A149	516,50
				C123	402,95					A150	519,10
				C124	405,55					A151	521,70
27	SIGNATURE	SI-9G-NRTW56SGIA80	NORTH WOOD TOBACCO	C125	408,15					A152	524,30
				C126	410,75					A153	526,90
				C127	413,35					A154	529,50
				C128	415,95					A155	532,10
				C129	418,55					A156	534,70
				C130	421,15					A157	537,30
										A158	539,90
		A159	542,50								
		A160	545,10								
28	SIGNATURE	SI-9A-001902SG2A80	GLOSSY WHITE							C131	423,75
										C132	426,35
										C133	428,95
										C134	431,55
										C135	434,15
										C136	436,75
										C137	439,35
										C138	441,95
										C139	444,55
										C140	447,15
										C141	449,75
29	SIGNATURE	SI-9R-SDST35SGIA80	SANDSTONE BEIGE							C142	452,35
										C143	454,95
										C144	457,55
										C145	460,15
										C146	462,75
										C147	465,35
										C148	467,95
30	SIGNATURE	SI-9R-STLY35SGIA80	STANLEY BEIGE							C149	470,55
										C150	473,15
										C151	475,75
										C152	478,35
										C153	480,95
										C154	483,55
										C155	486,15
31	SIGNATURE	SI-9R-ARBC18SGIA80	ARABESCO STONE							C156	488,75
										C157	491,35
										C158	493,95
										C159	496,55
										C160	499,15
										C161	501,75
										C162	504,35
										C163	506,95
										C164	509,55
										C165	512,15
										C166	514,75
32	SIGNATURE	SI-9M-NDWD55SGIA80	NEO DREAMWOOD BROWN							C167	517,35
										C168	519,95
										C169	522,55
33	SIGNATURE	SI-9G-EDNA56SGIA80	EDNA TERRACOTA							C170	525,15
										C171	527,75
										C172	530,35
										C173	532,95
										C174	535,55
										C175	538,15
										C176	540,75
										C177	543,35
										C178	545,95
										C179	548,55
										C180	551,15
34	SIGNATURE	SI-9R-GSTN15SGIA80	GEOSTONE GRIGIO							C181	553,75
										C182	556,35
										C183	558,95
										C184	561,55
										C185	564,15
										C186	566,75
										C187	569,35
										C188	571,95
										C189	574,55
										C190	577,15
				35	SIGNATURE					SI-9G-NLGS35SGIA80	NEO LAGOS BEIGE
		C192	582,35								
		C193	584,95								
		C194	587,55								
		C195	590,15								
		C196	592,75								
		C197	595,35								
		C198	597,95								
		C199	600,55								
		C200	603,15								
36	SIGNATURE	SI-9G-RVST38SGIA80	RIVERSTONE GOLD								
						A149	516,50				
						A150	519,10				
						A151	521,70				
						A152	524,30				
						A153	526,90				
						A154	529,50				
37	SIGNATURE	SI-9R-SDLY35SGIA80	SIDLEY BEIGE							A148	513,90
										A149	516,50
38	SIGNATURE	SI-9R-STLY15SGIA80	STANLEY GRIGIO							A150	519,10
										A151	521,70
										A152	524,30
										A153	526,90
										A154	529,50
										A155	532,10
										A156	534,70
39	SIGNATURE	SI-9M-AGWD55SGIA80	ANGELWOOD BROWN							A157	537,30
										A158	539,90
40	SIGNATURE	SI-9R-ARBC58SGIA80	ARABESCO MOCHA							A159	542,50
										A160	545,10
41	SIGNATURE	SI-9R-SDLY15SGIA80	SIDLEY GREY							A157	537,30
										A158	539,90
42	SIGNATURE	SI-9R-EVRS33SGIA80	EVEREST SAND							A159	542,50
										A160	545,10
43	SIGNATURE	SI-9R-EVRS34SGIA80	EVEREST TAUPE							A157	537,30
										A158	539,90
										A159	542,50
										A160	545,10

No	Brand	Material	Material Description	Storage Bin	Jarak
44	SIGNATURE	SI-9A-001945SG2A80	GLOSSY CREAM	A161	547,70
				A162	550,30
				A163	552,90
				A164	555,50
				A165	558,10
				A166	560,70
				A167	563,30
				A168	565,90
				A169	568,50
A170	571,10				
Signature Ukuran 30x30					
45	SIGNATURE	SK-9R-SDST35SG1A99	SANDSTONE BEIGE	A126	456,70
46	SIGNATURE	SK-8R-BRST06SG2A99	BRISTOL WHITE	A127	459,30
				A128	461,90
47	SIGNATURE	SK-8G-ABDN15SG1A99	ABERDEEN GREY	A129	464,50
				A130	467,10
48	SIGNATURE	SK-8G-BACN15SG1A99	BALCON GRIGIO	A131	469,70
				A132	472,30
49	SIGNATURE	SK-8R-CLES19SG2A99	CELESTE DARK GREY	A133	474,90
				A134	477,50
50	SIGNATURE	SK-8R-NBST08SG1A99	NEO BRISTOL WHITE	A135	480,10
				A136	482,70
				A137	485,30
				A138	487,90
51	SIGNATURE	SK-8R-NCLS15SG1A99	NEO CELESTE GREY	A139	490,50
				A140	493,10
52	SIGNATURE	SK-8G-ORTG55SG1A99	ORTEGA BROWN	A141	495,70
				A142	498,30
				A143	500,90
				A144	503,50
				A145	506,10
				A146	508,70
				A147	511,30
Signature Ukuran 30x60					
53	SIGNATURE	SKVAB-AQLA35SG1A56	AQUILA BEIGE, 0,9M2/BOX	A094	373,50
				A095	376,10
				A096	378,70
54	SIGNATURE	SKVAB-FNCS35SG1A56	FRANCIS BEIGE, 0,9M2/BOX	A097	381,30
				A098	383,90
				A099	386,50
				A100	389,10
55	SIGNATURE	SKVAB-AQLA15SG1A56	AQUILA GRIGIO, 0,9M2/BOX	A101	391,70
				A102	394,30
				A103	396,90
				A104	399,50
56	SIGNATURE	SKVAB-SPLD05SG1A56	SPLENDOR BIANCO, 0,9M2/BOX	A105	402,10
				A106	404,70
				A107	407,30
				A108	409,90
57	SIGNATURE	SKVAA-001902SG2A56	GLOSSY WHITE, 0,9M2/BOX	A109	412,50
				A110	415,10
				A111	417,70
				A112	420,30
58	SIGNATURE	SKVAB-GLNA55SG1A56	GALENA BROWN, 0,9M2/BOX	A113	422,90
				A114	425,50
				A115	428,10
				A116	430,70
59	SIGNATURE	SKVAB-GLNA54SG1A56	GALENA LIGHT BROWN, 0,9M2/BOX	A117	433,30
				A118	435,90
				A119	438,50
60	SIGNATURE	SKVAM-DNSE35SG1A56	DANISE BEIGE, 0,9M2/BOX	A120	441,10
				A122	446,30
				A123	448,90
				A124	451,50
61	SIGNATURE	SKVAB-ABST35SG1A56	ALABASTRO BEIGE, 0,9M2/BOX	A125	454,10
				A126	456,70
				A127	459,30
				A128	461,90
Signature Ukuran 20x20					
62	SIGNATURE	SL-6A-001903SG2BC0	GLOSSY WHITE	F139	233,84
63	SIGNATURE	SL-6A-001903SG1BC0	GLOSSY WHITE NW	F140	231,24
				F141	228,64
64	SIGNATURE	SL-6A-001941SG2AC0	PASTEL BISCUIT	F142	226,04
				F143	223,44
Signature Ukuran 25x25					
65	SIGNATURE	SP-7G-URBN35SG1A96	URBAN BEIGE	F121	212,64
				F122	210,04
				F123	207,44
				F124	204,84
				F125	202,24
				F126	199,64
66	SIGNATURE	SP-7G-NMZC65SG1A96	NEO MOZAICO BLUE	F127	197,04

No	Brand	Material	Material Description	Storage Bin	Jarak
66	SIGNATURE	SP-7G-NMZC65SG1A96	NEO MOZAICO BLUE	F129	191,84
				F130	189,24
				F131	186,64
				F132	184,04
				F128	194,44
67	SIGNATURE	SP-7G-BRIL35SG1A96	BRILLO BEIGE	F133	181,44
				F134	178,84
				F135	176,24
				F136	173,64
				F145	218,24
				F146	215,64
				F147	213,04
				F148	210,44
				F149	207,84
				F150	205,24
68	SIGNATURE	SP-7G-BRIL15SG1A96	BRILLO GREY	F151	202,64
				F152	200,04
				F153	197,44
				F154	194,84
				F155	192,24
				F156	189,64
				F157	187,04
				F158	184,44
				F159	181,84
				F160	179,24
69	SIGNATURE	SP-7G-BRIL65SG1A96	BRILLO BLUE	F161	176,64
				F162	174,04
				F163	171,44
				F164	168,84
70	SIGNATURE	SP-7G-URBN15SG1A96	URBAN GREY	F165	146,86
				F166	146,34
				F167	148,94
				F168	151,54
71	SIGNATURE	SP-7R-CLES18SG2A96	CELESTE DARK GREY	F169	154,14
				F170	156,74
				F171	159,34
				F172	161,94
Signature Ukuran 25x40					
72	SIGNATURE	SPI7B-TIMB35SG2A84	TIMBER BEIGE	A010	155,10
73	SIGNATURE	SPI7M-PLCE37SG1A84	PALACE DECO BEIGE	A011	157,70
				A012	160,30
74	SIGNATURE	SPI7M-LYRA55SG1A84	LYRA BROWN	A013	162,90
				A014	165,50
				A015	168,10
				A016	170,70
75	SIGNATURE	SPI7L-PRDI45SG1A84	PARADISEA CREAM	A017	173,30
				A018	175,90
				A019	178,50
				A020	181,10
76	SIGNATURE	SPI7M-ALTM75SG1A84	ALTIMA GREEN	A021	183,70
				A022	186,30
77	SIGNATURE	SPI7M-ALTM65SG1A84	ALTIMA BLUE	A023	188,90
				A024	191,50
78	SIGNATURE	SPI7M-DASY05SG1A84	DAISY BIANCO	A025	194,10
				A026	196,70
				A027	199,30
				A028	201,90
79	SIGNATURE	SPI7L-PRDI36SG1A84	PARADISEA ART BEIGE	A029	204,50
				A030	207,10
80	SIGNATURE	SPI7C-DMND35SG1A84	DIAMOND BEIGE	A031	209,70
				A032	212,30
81	SIGNATURE	SPI7B-TIMB15SG2A84	TIMBER GREY	A033	214,90
				A034	217,50
82	SIGNATURE	SPI7M-PLCE67SG1A84	PALACE DECO BLUE	A035	220,10
				A036	222,70
83	SIGNATURE	SPI7M-AZLA65SG1A84	AZALIA BLUE	A037	225,30
				A038	227,90
84	SIGNATURE	SPI7M-VLNO65SG1A84	VALINO BLUE	A039	230,50
				A040	233,10
85	SIGNATURE	SPI7M-PLCE65SG2A84	PALACE BLUE	A042	238,30
				A043	240,90
86	SIGNATURE	SPI7A-001902SG1A84	GLOSSY WHITE	A044	243,50
				A045	246,10
87	SIGNATURE	SPI7L-PRDI35SG1A84	PARADISEA BEIGE	A046	248,70
				A047	251,30
88	SIGNATURE	SPI7B-VEGA15SG1A84	VEGA GREY	A048	253,90
				A049	256,50
89	SIGNATURE	SPI7M-AZLA75SG1A84	AZALIA GREEN	A050	259,10
				A051	261,70
90	SIGNATURE	SPI7B-TIMB55SG2A84	TIMBER BROWN	A052	264,30
				A053	266,90
				A054	269,50
				A055	272,10
91	SIGNATURE	SPI7M-AZLA75SG1A84	AZALIA GREEN	A056	274,70
				A057	277,30
				A058	280,90
				A059	283,50

No	Brand	Material	Material Description	Storage Bin	Jarak	No	Brand	Material	Material Description	Storage Bin	Jarak
92	SIGNATURE	SPI7L-ILSN35SGIA84	ILLUSION BEIGE	A054	269,50	116	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	C051	215,75
				A055	272,10					C052	218,35
				A056	274,70					C053	220,95
				A057	277,30					C054	223,55
				A058	279,90					C055	226,15
93	SIGNATURE	SPI7L-ILSN15SGIA84	ILLUSION GREY	A059	282,50	C056	228,75				
				A060	285,10	C057	231,35				
				A061	287,70	C058	233,95				
94	SIGNATURE	SPI7M-VLNO35SGIA84	VALINO BEIGE	A062	290,30	C059	236,55				
				A063	292,90	C060	239,15				
				A064	295,50	C061	241,75				
95	SIGNATURE	SPI7B-VEGA35SGIA84	VEGA BEIGE	A065	298,10	C062	244,35				
				A066	300,70	C063	246,95				
				A067	303,30	C064	249,55				
96	SIGNATURE	SPI7M-AZLA06SGIA84	AZALIA BIANCO	A068	305,90	C065	252,15				
				A069	308,50	C066	254,75				
97	SIGNATURE	SPI7M-VLNO75SGIA84	VALINO GREEN	A070	311,10	C067	257,35				
				A071	313,70	C068	259,95				
				A072	316,30	C069	262,55				
98	SIGNATURE	SPI7C-DMND15SGIA84	DIAMOND GREY	A073	318,90	C070	265,15				
				A074	321,50	C071	267,75				
				A075	324,10	C072	270,35				
				A076	326,70	C073	272,95				
99	SIGNATURE	SPI7M-PLCE35SG2A84	PALACE BEIGE	A077	329,30	C074	275,55				
				A078	331,90	C075	278,15				
100	SIGNATURE	SPI7L-UNVL16SG2A84	UNIVERSALE ART GREY	A079	334,50	C076	280,75				
				A080	337,10	C077	283,35				
101	SIGNATURE	SPI7C-DMND16SGIA84	DIAMOND ART GREY	A081	339,70	C078	285,95				
				A082	342,30	C079	288,55				
102	SIGNATURE	SPI7C-DMND36SGIA84	DIAMOND ART BEIGE	A083	344,90	C080	291,15				
				A084	352,70	C081	293,75				
103	SIGNATURE	SPI7B-LAVD05SG2A84	LAVANDA BIANCO	A086	355,30	C082	296,35				
				A087	357,90	C083	298,95				
104	SIGNATURE	SPI7M-LYRA57SGIA84	LYRA DECO BROWN	A088	360,50	C084	301,55				
				A089	363,10	C086	306,75				
105	SIGNATURE	SPTAB-TRST35SGIA72	TRIESTE BEIGE	A090	365,70	C087	309,35				
106	SIGNATURE	SPTAM-LVNZ28SGIA72	LIVENZA DECO GIALLO	A091	368,30	C088	311,95				
107	SIGNATURE	SPTAM-LVNZ17SGIA72	LIVENZA DECO GRIGIO	A092	370,90	C089	314,55				
108	SIGNATURE	SPI7L-UNVL36SG2A84	UNIVERSALE ART BEIGE	A093	373,50	C090	317,15				
Spectrum Ukuran 40x40											
109	SPECTRUM	SI-9B-GLNG35SP1A80	GALUNGGUNG BEIGE	C010	109,15	118	SPECTRUM	SI-9B-ORIN35SP3A80	ORION BEIGE	C091	319,75
110	SPECTRUM	SI-9B-JBRN35SP1A80	JIMBARAN BEIGE	C011	111,75					C092	322,35
				C012	114,35					C093	324,95
111	SPECTRUM	SI-9B-ATRS15SP3A80	ANTARES GREY	C013	116,95					C094	327,55
				C014	119,55					C095	330,15
112	SPECTRUM	SI-9B-ATRS35SP3A80	ANTARES BEIGE	C015	122,15	C096	332,75				
				C016	124,75	C097	335,35				
113	SPECTRUM	SI-9B-HNSL35SP1A80	HANSSSEL BEIGE	C017	127,35	119	SPECTRUM	SI-9B-ALPA15SP3A80	ALPHA GREY	D042	164,40
114	SPECTRUM	SI-9B-DANV35SP2A80	DANVER BEIGE	C018	129,95					D043	167,00
				C019	132,55					D044	169,60
115	SPECTRUM	SI-9B-DANV15SP2A80	DANVER GREY	C020	138,15					D045	172,20
				C021	137,75					D046	174,80
116	SPECTRUM	SI-9A-003706SPPA80	SPECTRUM WHITE	C022	140,35					D047	177,40
				C023	142,95					D048	180,00
				C024	145,55					D049	182,60
				C025	148,15					D050	185,20
				C026	150,75					D051	187,80
				C027	153,35	D052	190,40				
				C028	155,95	D053	193,00				
				C029	158,55	D054	195,60				
				C030	161,15	D055	198,20				
				C031	163,75	D056	200,80				
				C032	166,35	D057	203,40				
				C033	168,95	D058	206,00				
				C034	171,55	D059	208,60				
				C035	174,15	D060	211,20				
				C036	176,75	D061	213,80				
				C037	179,35	D062	216,40				
				C038	181,95	D063	219,00				
				C039	184,55	D064	221,60				
				C040	187,15	D065	224,20				
				C042	192,35	D066	226,80				
C043	194,95	D067	229,40								
C044	197,55	D068	232,00								
C045	200,15	D069	234,60								
C046	202,75	D070	237,20								
C047	205,35	D071	239,80								
C048	207,95	D072	242,40								
C049	210,55	D073	245,00								
C050	213,15	D074	247,60								
						D075	250,20				
120	SPECTRUM	SI-9B-MTPR15SP1A80	MARTAPURA GREY	C049	210,55	121	SPECTRUM	SI-9B-ALPA35SP3A80	ALPHA BEIGE	D076	249,80
				C050	213,15					D077	252,40
121	SPECTRUM	SI-9B-ALPA35SP3A80	ALPHA BEIGE	C049	210,55	122	SPECTRUM	SI-9B-MTPR35SP1A80	MARTAPURA BEIGE	D078	255,00
				C050	213,15					D079	257,60

No	Brand	Material	Material Description	Storage Bin	Jarak
122	SPECTRUM	SI-9B-MTPR35SP1A80	MARTAPURA BEIGE	D076	252,80
				D077	255,40
				D078	258,00
				D079	260,60
123	SPECTRUM	SI-9B-ADNS15SP3A80	ADONIS GREY	D080	263,20
				D081	265,80
				D082	268,40
				D083	271,00
				D084	273,60
				D087	281,40
124	SPECTRUM	SI-9B-ADNS35SP3A80	ADONIS BEIGE	D088	284,00
				D089	286,60
				D090	289,20
				D091	291,80
125	SPECTRUM	SI-9B-AVAN15SP2A80	AVIANO GREY	D092	294,40
				D093	297,00
				D094	299,60
				D095	302,20
				D096	304,80
				D097	307,40
				D098	310,00
				D099	312,60
				D100	315,20
				126	SPECTRUM
D102	320,40				
D103	323,00				
D104	325,60				
D105	328,20				
D106	330,80				
D107	333,40				
D108	336,00				
D109	338,60				
127	SPECTRUM	SI-9B-ADNS75SP3A80	ADONIS GREEN		
				D111	343,80
				D112	346,40
				D113	349,00
				D114	351,60
				D115	354,20
				D116	356,80
				D117	359,40
				D118	362,00
				D119	364,60
				D120	367,20
				D122	372,40
				128	SPECTRUM
D124	377,60				
D125	380,20				
D126	382,80				
D127	385,40				
D128	388,00				
D129	390,60				
129	SPECTRUM	SI-9B-GLNG15SP1A80	GALUNGGUNG GREY	D130	393,20
				D131	395,80
				D132	398,40
130	SPECTRUM	SI-9B-AVTI35SPPA80	AVANTI BEIGE	D133	401,00
				D134	403,60
				D135	406,20
				D136	408,80
131	SPECTRUM	SI-9B-JBRN15SP1A80	JIMBARAN GREY	D137	411,40
				D138	414,00
				D139	416,60
132	SPECTRUM	SI-9B-AVTI15SPPA80	AVANTI GREY	D140	419,20
				D141	421,80
				D142	424,40
133	SPECTRUM	SI-9B-BETA15SPPA80	NEO BETHA GREY	D143	427,00
				D144	429,60
				D145	432,20
				D146	434,80
				D147	437,40
				D148	440,00
				D149	442,60
134	SPECTRUM	SI-9B-AVAN35SP2A80	AVIANO BEIGE	D150	445,20
				D151	447,80
				D152	450,40
				D153	453,00
				D154	455,60
				D155	458,20
				D156	460,80
				D157	463,40
				D158	466,00
D159	468,60				

No	Brand	Material	Material Description	Storage Bin	Jarak
Spectrum Ukuran 30x30					
135	SPECTRUM	SK-9A-003706SPPA99	SPECTRUM WHITE	D201	242,92
				D202	245,52
				D203	248,12
				D204	250,72
				D205	253,32
				D206	255,92
136	SPECTRUM	SK-8A-003906SP3B99	PREMIUM WHITE	D207	258,52
137	SPECTRUM	SK-8R-BSLT65SPPA99	BASALT BLUE	D208	261,12
138	SPECTRUM	SK-8B-NSND15SP3A99	NEO SANDER GREY	D209	263,72
139	SPECTRUM	SK-8B-MLGA15SPPA99	MALAGA GREY	D210	266,32
140	SPECTRUM	SK-8B-MLGA35SPPA99	MALAGA BEIGE	D211	268,92
				D212	271,52
Spectrum Ukuran 20x20					
141	SPECTRUM	SL-7G-ONTR55SP1AA0	ONTARIO BROWN	D213	274,12
				D214	276,72
				D215	279,32
142	SPECTRUM	SL-7G-CHRD35SP1AA0	CHARADE BEIGE	D216	281,92
				D217	284,52
143	SPECTRUM	SL-7G-CHRD65SP1AA0	CHARADE BLUE	D218	287,12
144	SPECTRUM	SL-7G-ONTR65SP1AA0	ONTARIO BLUE	D219	289,72
145	SPECTRUM	SL-7R-NRTH37SP2AA0	NORTHBRIDGE 01 TAUPE	D220	292,32
				D221	294,92
146	SPECTRUM	SL-7G-ONTR75SP1AA0	ONTARIO GREEN	D222	297,52
147	SPECTRUM	SL-7G-CHRD75SP1AA0	CHARADE GREEN	D223	300,12
148	SPECTRUM	SL-7G-CHRD15SP1AA0	CHARADE GREY	D224	302,72
149	SPECTRUM	SL-7R-RIDV45SP2AA0	RIDGEVIEW CREAM	D225	305,32
				D160	471,2
				D161	473,8
Spectrum Ukuran 20x25					
150	SPECTRUM	SLP6B-PRIM65SP1LC8	PRIMA BLUE	D162	476,4
				D163	479
151	SPECTRUM	SLP6B-PRME75SP1LC8	PRIMEIRO GREEN	D164	481,6
				D165	484,2
152	SPECTRUM	SLP6A-001702SP2LC8	GLOSSY WHITE	D166	486,8
153	SPECTRUM	SLP6B-NRON75SP1LC8	NERON GREEN	D167	489,4
154	SPECTRUM	SLP6B-PRME65SP1LC8	PRIMEIRO BLUE	D168	492
155	SPECTRUM	SLP6B-PRME15SP1LC8	PRIMEIRO GREY	D169	494,6
156	SPECTRUM	SLP6B-PRME35SP1LC8	PRIMEIRO BEIGE	D170	497,2
157	SPECTRUM	SLP6M-CLSA75SP1LC8	CELOSIA GREEN	D171	499,8
				D172	502,4
				D173	505
158	SPECTRUM	SLP6B-PRIM35SP1LC8	PRIMA BEIGE	D174	507,6
				D175	510,2
159	SPECTRUM	SLP6B-PRIM75SP1LC8	PRIMA GREEN	D176	512,8
				D177	515,4
160	SPECTRUM	SLP6M-IRIS85SP1LC8	IRIS PINK	D178	518
				D179	520,6
161	SPECTRUM	SLP6B-NRON35SP1LC8	NERON BEIGE	D180	523,2
162	SPECTRUM	SLP6M-CLSA85SP1LC8	CELOSIA PINK	D181	525,8
				D182	528,4
163	SPECTRUM	SLP6B-NRON85SP1LC8	NERON PINK	D183	531
164	SPECTRUM	SLP6M-IRIS65SP1LC8	IRIS BLUE	D184	533,6
165	SPECTRUM	SLP6B-NRON15SP1LC8	NERON GREY	D185	536,2
166	SPECTRUM	SLP6M-CLSA35SP1LC8	CELOSIA BEIGE	D186	538,8
				D187	541,4
167	SPECTRUM	SLP6M-IRIS75SP1LC8	IRIS GREEN	D188	544
168	SPECTRUM	SLP6B-NRON65SP1LC8	NERON BLUE	D189	546,6
169	SPECTRUM	SLP6M-CLSA65SP1LC8	CELOSIA BLUE	D190	549,2
				D191	551,8
170	SPECTRUM	SLP6B-PRIM15SP1LC8	PRIMA PINK	D192	554,4
171	SPECTRUM	SLP6M-IRIS35SP2LC8	IRIS BEIGE	D193	557
				D194	559,6
Total Jarak (m)					287170,6