

## PALLET DETAILS

SIZE	THICKNESS	QUANTITY	WEIGHT	COVERAGE	PALLET PACKING	1 X 20"/40 FCL CONTAINER LOADING SPECIFICATION			
						Total Pallet	Total Box	Total Sq.Mtr.	Total Net Weight
MM	In MM	Pcs/Box	Kg / Box	SQM/ Box	Box/Pallet				
200X1200	9	5	24	1.2	28	40	1120	1344	26,880.0
300X600	8.5 - 8.8	5	17.4	0.9	60	26	1560	1404	27,144.0
600X600	8.2 - 8.5	4	26.5	1.44	34	30	1020	1468.8	27,030.0
600X1200	5.5	3	27.2	2.16	28	36	1008	2177.28	27,417.6
600X1200	7	3	31.4	2.16	28	31	868	1874.88	27,255.2
600X1200	8.5 - 8.8	2	27.5 - 27.8	1.44	32	30	960	1382.4	26,400.0
800X800	8.8 - 9	2	27	1.28	50	20	1000	1280	27,000.0
800X1600	9	2	52	2.56	28	18	504	1290.24	26,208.0
800X2400	6	2	56	3.84	32	15	480	1843.2	26,880.0
800X2400	9	2	81	3.84	28	12	336	1290.24	27,216.0
800X2400	15	1	68	1.92	28	12	336	645.12	22,848.0
800X3000	15	1	86	2.4	28	11	308	739.2	26,488.0
800X3200	15	1	91	2.56	27	11	297	760.32	27,027.0
		2	94	4.32	25	11	275	1188	
1200X1800	9	2	94	4.32	10	1	10	43.2	26,790.0
					<b>TOTAL</b>	12	285	1231.2	
1200X1800	15	1	75	2.16	28	13	364	786.24	27,300.0
1200X2400	9	1	61	2.88	40	11	440	1267.2	26,840.0
		2	62	2.88	28	13	364	1048.32	
1200X1200	9	2	62	2.88	20	4	80	230.4	27,528.0
					<b>TOTAL</b>		444	1278.72	
1600X3200	12	1	150	5.12	20	9	180	921.6	27,000.0
1200x2780	9	1	72	3.336	30	12	360	1200.96	25,920.0
1200x2780	6	2	95	6.672	24	12	288	1921.536	27,360.0



\*shown images are for creative purpose

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## TECHNICAL SPECIFICATIONS

CHARACTERISTICS	STANDARD AS PER ISO-13006/En14411 GROUP	VALUES	TEST METHOD
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### REGULATORY PROPERTIES

Deviation in Lenth & Width	0.50%	0.20%	ISO - 10545-2
Deviation in Thickness	0.50%	0.50%	ISO - 10545-2
Straightness of Sides	0.50%	0.20%	ISO - 10545-2
Rectangularity	0.50%	0.20%	ISO - 10545-2
Surface Flatness	0.50%	0.20%	ISO - 10545-2
Color Difference	Unaltered	No Change	ISO - 10545-16
Glossiness	As per Mfg.	>90%	Glossmeter

### STRUCTURAL PROPERTIES

Water Absorption	<0.05%	<0.05%	ISO - 10545-3
Apparent Density	>2.00 g/cc	>2.10 g/cc	DIN 51082

### MASSIVE MECHANICAL PROPERTIES

Modulus of Repture	Min 35N/MM2	Min 40N/MM2	ISO - 10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO - 10545-4
Impact Resistance	As per Mfg.	Min. 0.55	ISO - 10545-5

### SURFACE MECHANICAL PROPERTIES

Surface Abrasion Resistance	As per Mfg.	Min. class 3	ISO - 10545-7
Moh's Hardness	As per Mfg.	Min. class 4	EN 101

### THERMO HYGROMETRIC PROPERTIES

Frost Resistance	No Damage	No Damage	ISO - 10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO - 10545-09
Moisture Expansion	Nil	Nil	ISO - 10545-10
Thermal Expansion	Max 9.0x10 <sup>-6</sup>	Max 6.5x10 <sup>-6</sup>	ISO - 10545-08
Crazing Resistance	As per Mfg.	Min 10 Cycle	ISO - 10545-11

### CHEMICAL PROPERTIES

Chemical Resistance	No Damage	No Damage	ISO - 10545-13
Stain Resistance	Resistant	Resistant	ISO - 10545-14

### SAFETY PROPERTIES

Slip Resistance	As per Mfg.	>0.40	ISO - 10545-17
Fire Resistance	As per Mfg.	Fire Proof	N.A.

## PACKING DETAILS

SIZE (in mm)	THICKNESS APPROX	PIECES / PER BOX	COVERAGE AREA (SQ.MTR.)	BOX WEIGHT ( APPROX. )
1200X2400MM	9MM	1	2.88	61 KGS.
1200X1200MM	9MM	2	2.88	61 KGS.
800X1600MM	9MM	2	2.56	51 KGS.
800X800MM	9MM	2	1.28	35 KGS.
600X1200MM	9MM	2	1.44	28 KGS.
200X1200MM	9MM	5	1.20	28 KGS.

## QUALITY CERTIFICATIONS



ISO 14001:2015

ISO 9001:2015

ISO 45001:2018



NOTE: Colour Shown are as accurate as the limitations of the printing process will allow. Prospective Customer are advised to inspect a sample of tiles before ordering, every effort has been made to ensure the accuracy of the information given. However, the Company research the right to change the specifications Without prior notice. Sometimes variations in shade or size being inherent to ceramic industry may occur. Before fixing, we advice you to follow the fixing instruction on the cartons of the tiles as no responsibility can be accepted by the once the tiles have been fixed.

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