

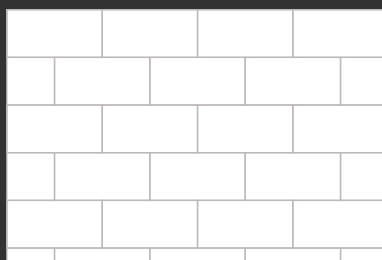
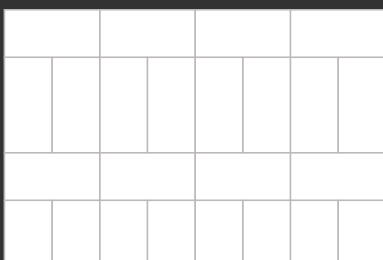
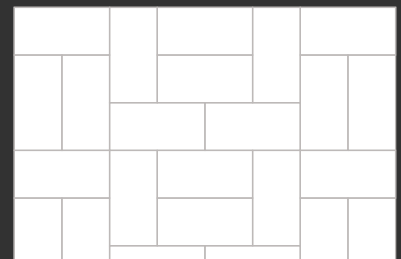
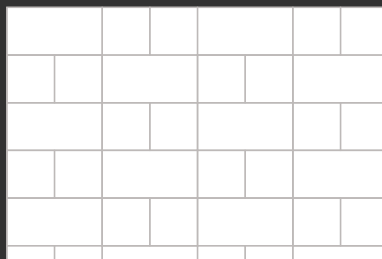
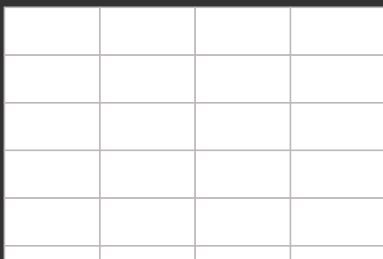
PACKING GUIDELINE

20' CONTAINER

PRODUCT	SIZE	THICKNESS	AREA M ²	QTY./BOX	BOX/PALLET	M ² /PALLET	NO. OF PALLETS	TOTAL PCS.	TOTAL AREA M ²
External Porcelain Paving	1000x500mm	20 mm	0.5	1	40	20	30	1200	600
External Porcelain Paving	900x600mm	20 mm	0.54	1	40	21.60	28	1120	604.80

LAYING PATTERNS

VARIOUS NATURAL LOOKING
PATTERNS CAN BE ACHIEVED
USING LAMAR EXTERNAL
PORCELAIN PAVING



Please note that your stockist may offer the paving in different pack sizes. All dimensions are standard and all products are designed to be laid with appropriate joints. Please refer to our step-by-step laying guide for additional information on this topic. Also, when using multiple paving packs, always mix the paving before laying to achieve an overall blended appearance.

TECHNICAL SPECIFICATION

PRODUCT : EXTERNAL PORCELAIN PAVING

TYPE : MATT

THICKNESS : 20mm

SIZE : 1000x500mm, 900x600mm

CHARACTERISTIC	STANDARD	LAMAR MEAN VALUE	TESTING METHOD
Regulatory Properties			
Deviation in Length and Width	±0.30 % (± 1.00 mm)	±0.10%	ISO 10545-2
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0%	ISO 10545-2
Straightness in side	±0.30 % (± 0.80 mm)	±0.10%	ISO 10545-2
Rectangularity	±0.30 % (± 1.50 mm)	±0.10%	ISO 10545-2
Surface Flatness Central Curvature	±0.40% (± 1.80 mm)	±0.20%	ISO 10545-2
Surface Flatness Edge Curvature	±0.40% (± 1.80 mm)	±0.20%	ISO 10545-2
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±0.10%	ISO 10545-2
Surface Quality	>95% defects free	>95% defects free	ISO 10545-2
Small Colour Difference (for plain colour)	ΔE < 1.00	ΔE < 0.80	ISO 10545-16
Glossiness(Without Polished)	As per Manufacturer	3<Gloss Value<7	GLOSS METER 60°
Structural Properties			
Water Absorption	≤0.50%	≤ 0.05%	ISO 10545-3
Bulk Density	As per Manufacturer	2.45 gm/cc	ISO 10545-3
Massive Mechanical Properties			
Modulus of Rupture	Min. 35.0 N/mm ²	Min 49.40 N/mm ²	ISO 10545-4
Breaking Strength Thickness ≥ 7.5	Min 1300.0N	Min 11250 N	ISO 10545-4
Surface Mechanical Properties			
MOH's Hardness	As per Manufacturer	Min 5*	BS EN 15771
Deep Abrasion Resistance	Max. 175 mm ³	Max 132 mm ³	ISO 10545-6
Thermal Hydrometric Properties			
Moisture Expansion	Max 0.06% (0.6 mm/m)	0.002 mm/m	ISO 10545-10
Thermal Expansion (COE) at 100°C	As per Manufacturer	2.91 x 10 ⁻⁶	ISO 10545-8
Thermal Shock Resistance	Min 10 Cycle	Min 10 Cycle	ISO 10545-9
Impact Resistance (COR)	As per Manufacturer	0.92	ISO 10545-5
Frost Resistance	As per Manufacturer	Frost Proof	ISO 10545-12
Chemical Properties			
Resistance to Staining	Min. Class 3	Class 5	ISO 10545-14
Resistance to Household Chemical and Swimming Pool Salts	Min Class UB	GA	ISO 10545-13
Resistance to Low Conc. Acids and Alkalis	As per Manufacturer	GLA	ISO 10545-13
Resistance to High Conc. Acids and Alkalis	As per Manufacturer	GHA	ISO 10545-13
Safety Properties			
Skid Resistance	As per Manufacturer	≥ P2	BS 7976-2
Slip Resistance	As per Manufacturer	R11	DIN 51130

* With Nano Technology

** Except Hydrofluoric Acid & it's compound

*** Updated on 20th August, 2024