

Technical Specification

Asian Composite Marble Stone

TEST SPECIFICATION	STANDARD OF TEST	STANDARD OF MEASUREMENT	RANGE OF ASIAN MARBLE STONE
Water Absorption	EN 99	%	<0.2%
Thermal Expansion Linear Coefficient Of T.E	EN 103	μ/m °c	<15
Surface Hardness	EN 103	Moh's Scale	3 - 4
Density	ASTM C 97	Gm/cc	>2.50
Compressive Strength	ASTM C 170	Mpa	>100
Flexural Strength/ Modulus Of Rupture	EN 100	Kg/cm ²	150-250 Kg/cm ²
Glossiness	Reflection	%	>70%
Chemical Resistance (resistance To Acid)	EN 14617	C1.C4	C1.C4
Resistance To Deep Abrasion	EN 102	mm ³	150 - 400

Packing, Size & Thickness availability details

Sizes in mm availability	In sq.ft (Appx.)
• 3025 x 1225 mm	10 x 4
• 1515 x 1215 mm	5 x 4
• 1200 x 600 mm	4 x 2
• 600 x 600 mm	2 x 2
• 600 x 300 mm	2 x 1
• Customized sizes on bulk requirements	

Thickness in mm availability

- 12mm
- 16mm
- 18mm
- 20mm
- 30mm
- Customized thickness on bulk requirements

Corrugated boxes packing would be in 12mm thickness only for following sizes

SIZE	SQ. MTR./BOX	PC./BOX	WEIGHT/BOX
1200x1200mm (4x4ft.)	1.44	1	46 Kg.
1200x600mm (4x2ft.)	1.44	2	46 Kg.
600x600mm (2x2ft.)	1.44	4	46 Kg.
600x300mm (2x1ft.)	1.44	8	46 Kg.

- Customized Packing in wooden boxes on bulk requirements in 12mm and other thickness can also be provided.

Product Features / Comparison Between Natural Stone And Asian Composite Marble Stone

FACTORS	MARBLE/ NATURAL STONE	ASIAN MARBLE STONE
Color Consistency	No	Yes
Porosity	High	Very Low
Hardness	Low	High
Polishing	On Site Polishing	Ready TO Use
Cost Of Onsite Polishing	Extra	No Extra Cost
Wastage	High	Low
Pinholes & Cracks	Filling Required	No Filling Required
Uniformity In Quantity Supplied	Constrains Are There	No Constrains Are There
Laying & Completion Time	High	Low
Maintenance	High	Low
Supply Schedule	Non Controllable	As Per Schedule
Size Consistency	No	Yes
Thickness / Size Option	Not Always Available	Always Available

Other Features

- Resistance to abrasion, shock & flexural strength
- Dimensional stability that reduces wastage during installation
- Uniformity in color that makes it suitable for large application
- Repolishable