

thinlam®

Our Expertise, Your Solution

FULLBODY BOOK

The Feel of Real Marble & Stone

80x300cm, 80x240cm

Galaxy Collection

Galaxy
Snow

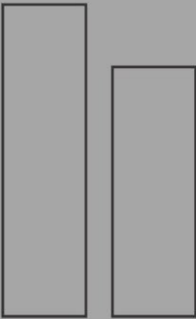


15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

Random
1 Faces



80x
300cm

80x
240cm

Galaxy
Smoke



15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

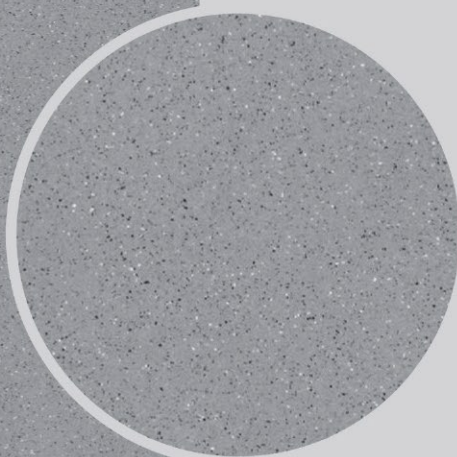
Random
1 Faces



80x
300cm

80x
240cm

Galaxy
Ash

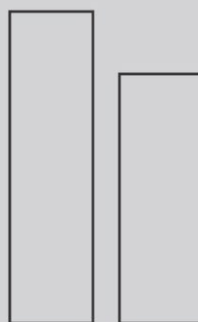


15mm
Thickness

Finish
Glossy
Matt

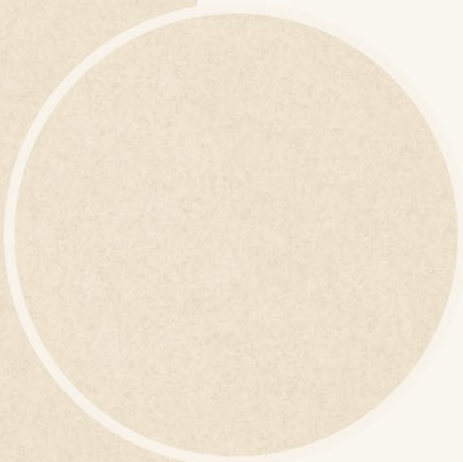
Body
Full Body

Random
1 Faces



80x
300cm

80x
240cm

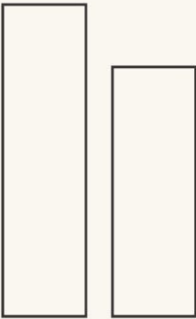


15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

Random
1 Faces



80x
300cm

80x
240cm

Galaxy
Mushroom

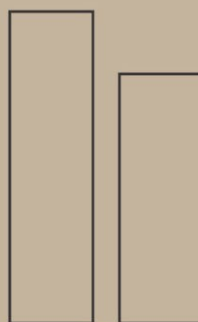


15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

Random
1 Faces



80x
300cm

80x
240cm

Galaxy Kota

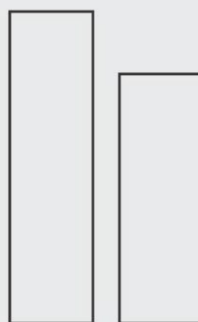


15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

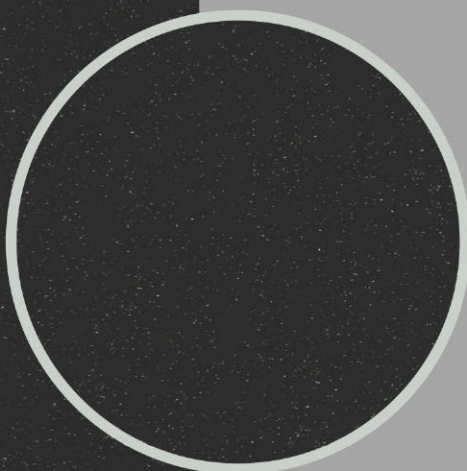
Random
1 Faces



80x
300cm

80x
240cm

Galaxy
Black



15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

Random
1 Faces



80x
300cm

80x
240cm



80x300cm, 80x240cm

Quartz Collection

Glacier Quartz

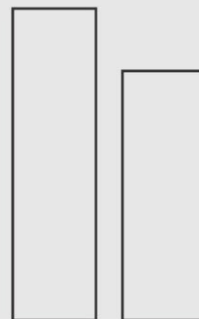


15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

Random
1 Faces



80x
300cm

80x
240cm

Royal Quartz

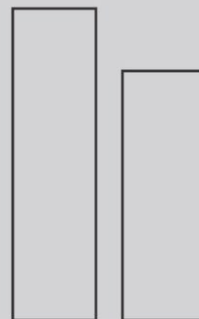


15mm
Thickness

Finish
Glossy
Matt

Body
Full Body

Random
1 Faces



80x
300cm

80x
240cm

Technical Specification

CHARACTERISTIC	STANDARD AS PER ISO13006:2018/ EN14411 Gr.BIa	STANDARD AS PER IS 15622:2017 Gr.BIa	MEAN VALUE OF	METHOD OF TESTING
Regulatory Properties				
Deviation in Length and Width	±0.30 % (±1.00 mm)	±0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Deviation in Thickness	±5.0 % (± 0.50 mm)	±5.0 %	± 5.0 %	ISO 10545-2/IS 13630-1
Straightness in Side	±0.30 % (± 0.80 mm)	±0.10 %	± 0.10 %	ISO 10545-2/IS 13630-1
Rectangularity	±0.30 % (±1.50 mm)	±0.10%	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Flatness Central Curvature	±0.40 % (± 1.80 mm)	±0.50 %	± 0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Edge Curvature	±0.40 % (± 1.80 mm)	±0.50 %	± 0.20 %	ISO 10545-2/IS 13630-1
Surface Flatness Warpage	±0.40 % (± 1.80 mm)	±0.50 %	± 0.10 %	ISO 10545-2/IS 13630-1
Surface Quality	>95% defects free	>95% defects free	>95% defects free	ISO 10545-2/IS 13630-1
Small Color Difference (For Plain Colour)	ΔE <1.00	N.A.	ΔE <0.80	ISO 10545-16
Glossiness (Polished)	As per Manufacturer	As per Manufacturer	≥ 90	Gloss Meter 60°
Glossiness (Satin)	As per Manufacturer	As per Manufacture	7 ≤ Gloss Value ≤ 25	Gloss Meter 60°
Structural Properties				
Water Absorption	≤0.50 %	≤0.080 %	≤0.080 %	ISO 10545-3/IS 13630-2
Bulk Density	As per Manufacturer	Min 2.20 g/cc	> 2.28 gm/cc	ISO 10545-3/IS 13630-2
Massive Mechanical Properties				
Modulus of Rupture	Min. 35.0 N/mm ²	Min. 35.0 N/mm ²	Min. 40.0 N/mm ²	SO 10545-4/IS 13630-6
Breaking Strength Thickness ≥7.5 mm	Min 1300.0 N	Min 1300.0 N	Min 6000.0 N	ISO 10545-4/IS 13630-6
Surface Mechanical Properties				
Mohs Hardness #	As per Manufacturer	Min. 5	Polished Min 4**/ Satin & Posh Min 6	BS EN 15771/IS 13630-13
Surface Abrasion Resistance #	As per Manufacturer	Min. Class II	Polished Min II**/ Satin & Posh Min III	ISO 10545-7/IS 13630-11
Thermal Hygrometric Properties				
Moisture Expansion	Max 0.06% (0.6 mm/m)	Max 0.02 mm/m	Max 0.02 mm/m	ISO 10545-10/IS 13630-3
Thermal Expansion(COE) at 100°C	As per Manufacturer	Max. 6.0 x 10 ⁻⁶	Max. 6.0 x 10 ⁻⁶	ISO 10545-8/IS 13630-4
Thermal Shock Resistance	Min 10 Cycles	Min 10 Cycles	Min 10 Cycles	ISO 10545-9/IS 13630-5
Impact Resistance(COR) #	Min. 0.55	Min 0.55	Min 0.55	ISO 10545-5/IS 13630-14
Frost Resistance	As per Manufacturer	As per Manufacturer	Frost Proof	ISO 10545-12/IS 13630-10
Crazing Resistance at 7.5 bar	4 Cycles	4 Cycles	4 Cycles	ISO 10545-11/IS 13630-9
Chemical Properties				
Resistance to Staining Glazed	Min. Class 3	Min Class 1	Min. Class 3/Min. Class 1	ISO 10545-14/IS 13630-8
Resistance to Household Chemicals & Swimming Pool Salts Glazed	Min Class GB	Min Class AA	Min Class GB/Min Class AA	ISO 10545-13/IS 13630-8
Resistance to Low Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	Min Class GLB***/ Min Class A***	ISO-10545-13/IS 13630-8
Resistance to High Concentrate Acid and Alkalis Glazed	As per Manufacturer	As per Manufacturer	Min Class GHB***/ Min Class A***	ISO-10545-13/IS 13630-8
Safety Properties				
Skid Resistance - (DCOF-WET PENDULUM)##	As per Manufacturer	As per Manufacturer	Glossy ≥P0,Satin,Posh ≥P1	BS 7976-2
Slip Resistance -Satin/Posh (DCOF- R Value)###	As per Manufacturer	As per Manufacturer	R9 to R10	DIN 51130
Lead and Cadmium release	As per Manufacturer	N.A.	Does not yield Pb &Cd	ISO-10545-15

Packing Detail

SIZE	THICKNESS	PCS/BOX	AREA/BOX	BOX/WT.
800x2400mm	15mm	1 pc	1.92 mt ²	68 kg
800x3000mm	15mm	1 pc	2.40 mt ²	84 kg



www.thinlam.com

info@thinlam.com

THINLAM GROUP

Third Floor, Office No. 302, Eden Ceramic City,
8-A N.H., Lalpar, Morbi, Gujarat - 363642 (India)