

SUN EVEREST 200x1200mm

Characteristics	ISO	ISO 13006 E <0.5 % Group Bla	EN-14411	Sun
DIMENSION & SURFACE QUALITY				
LENGTH & WIDTH	10545-2	+/-0.6%	+/-0.3%	+/-0.10%
THICKNESS		+/-5.0%	+/-3.0%	+/-4.0%
STRAIGHTNESS OF SIDE		+/-0.5%	+/-0.50%	+/-0.10%
RECTANGULARITY		+/-0.5%	+/-0.2%	+/-0.10%
SURFACE FLATNESS				
CENTRE CURVATURE (%)		+/-0.50%	+/-0.50%	+/-0.2%
EDGE CURVATURE (%)		+/-0.50%	+/-0.50%	+/-0.2%
CORNER WARPAGE (%)		+/-0.5%	+/-0.5%	+/-0.2%
SURFACE QUALITY		Min. 95% of tiles will be free from visible defects	Min. 95% of tiles will be free from visible defects	Min. 98% of tiles will be free from visible defects
PHYSICAL PROPERTIES				
WATER ABSORPTION	10545-3	<0.5% Ind Max 0.6%	<0.5% Ind Max 0.6%	<0.05%
MODULUS OF RUPTURE (N/mm ²)	10545-4	Av 35, Individual 32 min	Av 35, Individual 32 min	>45
BREAKING STRENGTH IN N	10545-4	700 for £ 7.5mm thickness 1300 for > 7.5mm thickness	700 for £ 7.5mm thickness 1300 for > 7.5mm thickness	>2000
MOISTURE EXPANSION IN mm/m	10545-10	No mention	No mention	Nil
SCRATCH HARDNESS OF SURFACE (Mohs)				6
RESISTANCE TO ABRASION OF GLAZED TILES (CLASS 1 TO V)	10545-7			Class III (for GVT)
COEFFICIENT OF LINEAR THERMAL EXPANSION FROM AMBIANT TEMPERATURE TO 100°C	10545-8	9 X 10 ⁻⁶ K ⁻¹ max	9 X 10 ⁻⁶ K ⁻¹ max	6 X 10 ⁻⁶ K ⁻¹ max
THERMAL SHOCK RESISTANCE	10545-9	10 cycle min	10 cycle min	Passed 10 cycle
CRAZING RESISTANCE	10545-11	1 cycle (@ 5 bar)	1 cycle (@ 5 bar)	Passed 4 cycle
FROST RESISTANCE	10545-12	Required	Required	Passed
IMPACT RESISTANCE	10545-5			0.75
BULK DENSITY				Min 2.2
CHEMICAL PROPERTIES				
STAIN RESISTANCE	10545-14	Required	Required	Class 3
RESISTANCE TO HOUSEHOLD CHEMICALS	10545-13	Min Class B	Min Class B	Class AA
RESISTANCE TO ACID & ALKALI				

PACKING DETAILS

SIZE	THICKNESS	PIECES/BOX	COVERAGE AREA/BOX	WEIGHT/BOX
200 X 1200 MM	+/- 10 MM	5	1.2 M ²	+/- 28 KG