

Technical documentation

Description	Value	Norm
Dimensions Dimensional tolerances	3500 x 1500 mm patinated 3400 x 1450 mm polished probable dimensions from 12/16 on length and width +/- 1 mm	
Thickness Thickness tolerances	15-30 mm, >21 mm special production patinated +/- 1,25 mm polished +/- 1,10 mm	
Density	ca. 2,48 g/cm ³	DIN EN ISO 10545-3
Weight per m² with 21 mm thickness	ca. 50,4 kg	
Bending strength 5% fractile Jade Bending strgth. 5% f. Polar White	patinated 22 N/mm ² patinated 20 N/mm ²	EAD 13-33-0030-06.01 EAD 13-33-0030-06.01
Load-Bearing-Capacities	ca. 3,44 kN	EAD 13-33-0030-06.01
E-Modul	ca. 30 kN/mm ²	EAD 13-33-0030-06.01
Hardness according to Mohs	6 patinated 4 polished	DIN EN 15771 DIN EN 15771
Heat expansion 20-100°C	7,22 x 10 ⁻⁶ x K ⁻¹	DIN EN 103
Heat conductivity at 64°C	1,04 W/mK	
Specific heat capacity Cp	0,7 J/gK	
Water absorption	ca. 0,07 Ma,- %	DIN EN ISO 10545-3
Frost resistance	no trials with visible defects	DIN EN ISO 10545-12
Stain resistance	5 (stain can be removed with hot water)	DIN EN ISO 10545-14
Chemical resistance	A, GA	DIN EN ISO 10545-13
Fire class	A1	EN 13501-1
Surface wear	Class II, 300 revolutions	DIN EN 154
Slip resistance	R9 patinated	DIN 51130