

## Technical documentation

Description	Value	Norm
<b>Thickness tolerances</b>	patinated +/- 1,8 mm polished +/- 1,5 mm	
<b>Density</b>	ca. 2,48 g/cm <sup>3</sup>	DIN EN ISO 10545-3
<b>Weight per m<sup>2</sup> with 21 mm thickness</b>	ca. 50,4 kg	
<b>Bending strength 5% fractile Jade Bending strgth. 5% f. Polar White</b>	patinated 22 N/mm <sup>2</sup> patinated 20 N/mm <sup>2</sup>	EAD 13-33-0030-06.01 EAD 13-33-0030-06.01
<b>Load-Bearing-Capacities</b>	ca. 3,44 kN	EAD 13-33-0030-06.01
<b>E-Modul</b>	ca. 30 kN/mm <sup>2</sup>	EAD 13-33-0030-06.01
<b>Hardness according to Mohs</b>	6 patinated 4 polished	DIN EN 15771 DIN EN 15771
<b>Heat expansion 20-100°C</b>	7,22 x 10 <sup>-6</sup> x K <sup>-1</sup>	DIN EN 103
<b>Heat conductivity at 64°C</b>	1,04 W/mK	
<b>Specific heat capacity Cp</b>	0,7 J/gK	
<b>Water absorption</b>	ca. 0,07 Ma, - %	DIN EN ISO 10545-3
<b>Frost resistance</b>	no trials with visible defects	DIN EN ISO 10545-12
<b>Stain resistance</b>	5 (stain can be removed with hot water)	DIN EN ISO 10545-14
<b>Chemical resistance</b>	A, GA	DIN EN ISO 10545-13
<b>Fire class</b>	A1	EN 13501-1
<b>Surface wear</b>	Class II, 300 revolutions	DIN EN 154
<b>Slip resistance</b>	R9-R11 can be achieved by processing.	DIN 51130