

Technical data sheet.

POINT	PROVISION	INTERNATIONAL STANDARDS	VALUE
1	Water Absorption	DIN EN ISO 539-2	Brick red: 3 – 5% Crete / Grey: 2 – 4%
2	Breaking Load	DIN EN ISO 10545 Part 4	
	Grid Height 150 mm		Bending Compression: min 1,05 kN Flexural Tension: min 1,75 kN
3	Bulk Density		2,24 g/cm ³
4	Lambda Value	DIN EN 60672-2 (90°)	1,17 W/mK
5	Linear Thermal Expansion	DIN EN ISO 10545 Part 8	
	Δ t=100°C		< 0,4 mm applied of the Length of 1.000 mm
6	Frost Resistance	DIN EN 539-2 (E)	complied
7	Efflorescence and Soluble Salts	DIN 105 Part 1	complied
8	Chemical Resistance	DIN 105 Part 4	complied
Measurements / Deviations			
9	Length	1240 mm (1250mm with joint)	+0,00 mm /- 1,00 mm
	Height	140 mm (150mm with joint)	+/- 2,00 mm
	Thickness	22 mm	+/- 1,50 mm
	Evenness		max 2,00 mm
	Head Edge Curve		max 0,25 %
	Foot Edge Curve		max 0,25 %
	Right Angle		max 2,00 mm
10	Mass Per Unit Area		30 ± 2 kg/m ²
11	ASTM E136		Noncombustible

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