

Technical data sheet.



PRODUCT: TONALITY® – CLASSIC 26 mm

POINT	PROVISION	INTERNATIONAL STANDARDS	VALUE
1	Water Absorption	DIN EN ISO 539-2	Brick red: 3 – 5% Creme / Grey: 2 – 4%
	Breaking load	DIN EN ISO 10545-4	
2	Grid Height	150 mm	Bending Compression: min 1,54 kN Flexural Tension: min 2,66 kN
	Grid Height	175 mm	Bending Compression: min 1,79 kN Flexural Tension: min 2,74 kN
	Grid Height	200 mm	Bending Compression: min 2,10 kN Flexural Tension: min 3,73 kN
	Grid Height	225 mm	Bending Compression: min 2,43 kN Flexural Tension: min 2,63 kN
	Grid Height	250 mm	Bending Compression: min 2,62 kN Flexural Tension: min 4,20 kN
	Grid Height	300 mm	Bending Compression: min 3,10 kN Flexural Tension: min 5,65 kN
	Grid Height	400 mm	Bending Compression: min 4,82 kN Flexural Tension: min 6,67 kN
	3	Bulk Density	
4	Lambda Value	DIN EN 60672-2 (90°)	1,17 W/mK
5	Lineare Thermal Expansion	DIN EN ISO 10545 Part 8	
	$\Delta t=100^{\circ}\text{C}$		< 0,4 mm based of the Lenght 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	400 mm – 1600 mm	+0,00 mm /- 1,00 mm
	Height	150 mm – 175 mm	+/- 1,25 mm
		200 mm	+/- 1,50 mm
		225 mm	+/- 1,75 mm
		250 mm	+/- 2,00 mm
		300 mm	+/- 2,50 mm
		400 mm	+/- 3,00 mm
	Thickness	26 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	