

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		2,24 g/cm ³
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	
	Thickness	400 mm	+/- 3,00 mm	
		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		