

# Technical data sheet.



## PRODUCT: TONALITY® – THE CERAMIC SLAT SYSTEM

POINT	PROVISION	INTERNATIONAL STANDARDS	VALUE
1	Water Absorption	DIN EN ISO 539-2	Brick red: 3 – 5% Creme / Grey: 2 – 4%
2	Modulus of Rupture based on the core tile section of 140x9 mm	EN 14411:2016	Median Minimum = 50 N/mm <sup>2</sup> Single Minimum = 47 N/mm <sup>2</sup>
3	Bulk Density		2,400 g/cm <sup>3</sup>
4	Lambda Value	DIN EN 60672-2 (90°)	1,17 W/mK
5	Lineare Thermal Expansion  $\Delta t=100^{\circ}\text{C}$	DIN EN ISO 10545 Part 8	< 0,4 mm applied 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			
	Length	Production Size = 1.240 mm +/- 1,00mm Nominal grid size = 1.250 mm	
	Height	Production Size = 140 mm +/- 2,00 mm Nominal grid size = 150 mm	
9	Thickness	22 mm	+0,75 / -0,5 mm
	Evenness		max. 2,00 mm
	Head Edge Curve		max. 0,25 %
	Foot Edge Curve		max. 0,25 %
	Right Angle		max. 1,00 mm