



## technical data

<b>sizes</b>	length:	max. l = 60" mm (module including joint) tolerance $\pm$ 0.039" (1.0mm)		
	height:	TAMPA:	150 / 175 / 187.5 / 200 / 212.5 / 225 / 237.5 / 243.5 / 250 / 275 / 300 / 400 / 500mm	
			(module including joint)	
		TERZO:	TERZO	200/225/243.5 mm (module)
			TERZO 1	150 mm (module)
			TERZO 2	225 mm (module)
			TERZO 3	225/250 mm (module)
		LINEO:	LINEO 4	200 / 257 mm (module)
			LINEO 9	250 mm (module)
			tolerance $\pm$ 0.059" (1.5 mm)	
	thickness:	1 7/32" 1 3/8" (for 500mm height) tolerance $\pm$ 0.39" (1.0mm)		
<b><u>consistency of profile:</u></b>				
(DIN EN 1304)	permissible twist:	bend in length max. 0.11" (3.0 mm) bend in height max. 0.059" (1,5 mm)		
	deviation from vertical:	max. 0.039" (1,0mm) / 200 mm height max. 0.078" (2.0mm) / 400 mm in height		
<b><u>weight</u></b> (dry):				
		ca. 8.63/lbs/ft <sup>2</sup> (thickness = 35mm: ca. 12/lbs/ft <sup>2</sup> )		
<b><u>density:</u></b>				
		$\geq$ 0.073 lbs/in <sup>3</sup> $\geq$ 2,0 g/cm <sup>3</sup>		
<b><u>breaking load:</u></b>				
(DIN EN 1304)		average value $\geq$ 337lbf (1,5 kN) / minimum value $\geq$ 269lbf (1,2 kN) for example test report MPA Hannover Nr. 094761.1: Tile plate: module 1500mm length / 400 mm height average value = 1038.3lbf (4,62 kN) / minimum value = 986.6lbf (4,39) kN		
<b><u>bending tensile strength:</u></b>				
(DIN EN 538)		Apricot-beige	12,5 N/mm <sup>2</sup>	261psf
		Sahara	14,4 N/mm <sup>2</sup>	301psf
		Salmon pastel	13,7 N/mm <sup>2</sup>	286psf
		Tuscan red	13,1 N/mm <sup>2</sup>	274psf
		Red brown	16,5 N/mm <sup>2</sup>	344psf
		Natural red	13,1 N/mm <sup>2</sup>	274psf
		Pearlwhite	11,7 N/mm <sup>2</sup>	244psf
		Glacier blue	20,0 N/mm <sup>2</sup>	418psf
		Light grey	11,4 N/mm <sup>2</sup>	238psf
		Iron grey	11,8 N/mm <sup>2</sup>	246psf
		Platinum grey	12,4 N/mm <sup>2</sup>	259psf
		Volcano grey	11,2 N/mm <sup>2</sup>	234psf
		Sand	10,1 N/mm <sup>2</sup>	211psf



<b><u>water absorption:</u></b> (DIN EN 539-2)	≤ 9,0 % permissible according to test reports of Bautest Dresden GmbH (formerly MPA Dresden) between 3 and 8 % (5.5% average)
<b><u>frost resistance:</u></b> (DIN EN 539-2)	according to test reports of Bautest Dresden GmbH (formerly MPA Dresden)
<b><u>linear thermal expansion:</u></b> (EN ISO 10545-8)	<1/64"/ft (< 0.4 mm in length of 1000mm)
<b><u>moisture expansion:</u></b> (DIN EN 10545-10)	= 0,03% (according to test reports of Bautest Dresden GmbH)
<b><u>acid-resistance:</u></b> (DIN EN 10545-13)	passed (according to test reports of Bautest Dresden GmbH)
<b><u>alkali-resistance:</u></b> (DIN EN 10545-13)	passed (according to test reports of Bautest Dresden GmbH)
<b><u>fire protection classification:</u></b> (DIN 4102)	ceramic tile plates: flammability rating A, non combustible aluminium substructure: flammability rating A1, non combustible