

## Technical Data - TAMPA

<b><u>Sizes</u></b>	length:	max. l = 900 mm (tile height 150,0 mm till 175 mm) max. l = 1200 mm (tile height 187,5 mm till 225 mm) max. l = 1500 mm (tile height 237,5 mm till 500 mm) toleranc $\pm$ 1,0 mm
	height:	$\leq$ 300 mm (centre to centre), tolerance $\pm$ 2,0 mm < 300 mm (centre to centre), tolerance $\pm$ 2,5 mm
	thickness:	30 mm, tolerance $\pm$ 1,0 mm (height = 500 mm: thickness = 35 mm)
<b><u>constancy of the form:</u></b> (DIN EN 1304)	wingity:	( <i>out of plane</i> ) $\pm$ 0,25 % of the diagonal
	straightness:	( <i>in plane</i> ) $\pm$ 0,25 % of the length/height
	evenness:	( <i>out of plane</i> ) $\pm$ 0,25 % of the length ( <i>out of plane</i> ) $\pm$ 0,70 % of the height
	angularity:	( <i>in plane</i> ) height $\leq$ 300 mm $\pm$ 1,0 mm ( <i>in plane</i> ) height > 300 mm $\pm$ 1,5 mm
<b><u>weight</u></b> (dry):		ca. 42 kg/m <sup>2</sup> (thickness = 35mm: ca. 59 kg/m <sup>2</sup> )
<b><u>body density:</u></b>		$\geq$ 2,0 g/cm <sup>3</sup>
<b><u>breaking load:</u></b> (DIN EN ISO 10545-4)		test report PB 1.1/11-246-1, MFPA Leipzig Test items: 1500 x 400 x 30 mm <sup>3</sup> Span: 1400 mm, resistant moment= 54351 mm <sup>3</sup> bending strength (average): Backside in tension = 13,90 N/mm <sup>2</sup> Visible side in tension = 13,69 N/mm <sup>2</sup>
<b><u>water absorption:</u></b> (DIN EN 539-2)		$\leq$ 9,0 % according to test reports of Bautest Dresden GmbH (formerly MPA Dresden) between 3 and 8 %.
<b><u>frost resistance:</u></b> (DIN EN 539-2)		according to test reports of Bautest Dresden GmbH (formerly MPA Dresden) proven
<b><u>fire protection classification:</u></b> (DIN 4102)	ceramic tile plates:	flammability rating A, incombustible
	aluminium substructure:	flammability rating A, incombustible
		The insulation should be incombustible, dimensionally stable and should achieve the flammability rating A1 (such as mineral rock wool).
<b><u>external control:</u></b>		Bautest Dresden GmbH (formerly MPA Dresden); approved testing laboratory, regulatory agency and certificate authority