

**Technical Data – Tampalite, Terzolite, Lineolite**

<b><u>sizes</u></b>	length:	max. l = 1.200 mm tolerance $\pm$ 1.0 mm
	height:	200 mm; 250 mm; 300 mm; tolerance $\pm$ 2.0 mm
	thickness:	24 mm, tolerance $\pm$ 1.0 mm
<b><u>constancy of the form:</u></b>	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 height $>$ 300 mm $\pm$ 1,5 mm
<b><u>weight</u></b> (dry):		ca. 33 kg/m <sup>2</sup>
<b><u>body density:</u></b>		$\geq$ 2,0 g/cm <sup>3</sup>
<b><u>bending tensile strength:</u></b>		12-20 N/mm <sup>2</sup>
<b><u>water absorption:</u></b> (DIN EN 10545-3)		$\leq$ 9,0 % (according to test reports between 3 % and 8 %)
<b><u>frost resistance:</u></b> (DIN EN 10545-12)		proven
<b><u>deep abrasion:</u></b> (DIN EN 10545-6)		ca. 380 mm <sup>3</sup> (far above the maximum permissible value specified in DIN EN 10545-6)
<b><u>moisture expansion:</u></b> (DIN EN 10545-10)		ca. 0.4 mm/m

**acid-resistance:** proven  
(DIN EN 10545-13)

**alkali-resistance:** proven  
(DIN EN 10545-13)

**chemical resistance:** proven  
(DIN EN 10545-13)

**mohs scale:** 6 – 7

**thermal expansion:** < 0,5mm per 1000mm ( $\Delta t = 100^{\circ}\text{C}$ )

**thermal conductivity:** 0,5 - 1,4 W/(m x K)

**fire protection classification:** flammability rating A1, incombustible  
(DIN 4102)

**external control:** Baustoffprüfstelle Wismar GmbH (approved testing laboratory, regulatory agency and certificate authority)

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