



Asbestos free pressed and autoclaved flat sheets ZELIPLAT . Boards are reinforced with mineralized cellulose fibres, they have smoothed surface and rectified edges. They are through coloured and respond to the European standards EN 12467:2012

TECHNICAL DATA SHEET

Characteristics	Zeliplat
Density (dry)	$\geq 1,25 \text{ kg/dm}^3$
Max water absorption* - untreated sheets	$\leq 37\%$
Natural humidity	$10 \div 15\%$
Movement in extreme weather conditions/temperature and moisture conditions $-5^{\circ}\text{C} \div 100^{\circ}\text{C}$; $20 \div 90\%$	2 mm/m
Thermal conductivity	0,34 W/mK
Thermal expansion coefficient	$0,00001 \text{ }^{\circ}\text{C}^{-1}$
Fire rating	class A2 - s1, d0
Freeze resistance	optimum
Oils, acids, bases, salts resistance	good
Waterproof - inalterability	absolute
Wear resistance	good
Bending strength (wet)	$\geq 13 \text{ N/mm}^2$
Bending strength (dry):	
- perpendicular rupture to fibres	20 N/mm^2
- parallel rupture to fibres	13 N/mm^2
Tolerances on nominal dimensions	Level 1 $\pm 2 \text{ mm}$ length $\pm 1 \text{ mm}$ width
Compression resistance	35 N/mm^2
Resilience	4 Nmm/mm^2
E modulus of elasticity (dry)	7000 N/mm^2
Durability classification (EN 12467:2012)	category A
Strength classification (EN 12467:2012)	class 3
CE marked product	EN 12467:2012

* wet over dry

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Please refer to the latest technical data sheet available in our download area at www.sil-lastre.com

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