



**Ignistop is a sheet of the last generation born to be used for passive protection to the fire. It is composed of calcium silicate and a cement matrix. It is asbestos free and contains no toxic materials.**

**Ignistop is suitable for the different applications where the maximum fire protection is demanded.**

## TECHNICAL DATA SHEET

IGNISTOP - Characteristics		
Composition	silicate, cement, inorganic additives, selected fibres. ASBESTOS FREE	
Specific volume when dry	850 kg./mc. ± 10%	IST. GIORD. 201653
Standard Dimensions	1250 x 3000 1250 x 2500	
Thickness	6 - 8 - 10 - 12 - 15 - 18 - 20	
Tolerances on length and width	± 3 mm.	
Tolerances on thickness	± 0.5 mm.	
Bending strength (dry)	Parallel rupture to fibres : 4.5 N/mm <sup>2</sup> perpendicular rupture to fibres: 5.0 N/mm <sup>2</sup>	INTERNAL LABORATORY
Tensile strength (dry)	3,2 N/mm <sup>2</sup>	IST. GIORD. 201880
Compression resistance	9,3 N/mm <sup>2</sup>	IST. GIORD. 201688
Modulus of elasticity (dry)	2500 N/mm <sup>2</sup>	IST. GIORD. 201880
Impact resistance	12,8 KJ/m <sup>2</sup>	IST. GIORD. 201880
Thermal conductivity	0,179 W/mK	IST. GIORD. 201653
Fire rating	incombustible: Class "A1"	. IST. GIORD. GIORD. 300191/RF 5968
Movement in extreme weather conditions/temperature and moisture conditions -5°C + 100°C; 20 + 90%	1.5 mm/m	INTERNAL LABORATORY
Vapour resistance factor $\mu$	30 approximately	IST. GIORD. 202853
Degree of alkalinity PH	max. 10%	
Natural humidity	5 ÷ 10%	

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Please refer to the latest technical data sheet available in our download area at [www.sil-lastre.com](http://www.sil-lastre.com)

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