

## TECHNICAL DATA SHEET

### THERMAL INSULATION BOARD PRO-1400

Asbestos-free thermal insulation board based on ceramic and stone fibres and binder-bonded fillers, with a temperature resistance of 1430°C. Used as an electrical insulator. Very easy to cut, punch, machine and shape wet (smaller thicknesses). Excellent price - quality ratio. BOARD PRO-1400 is a board made of mineral fibres that meets the requirements of the new European Directive 97/69EC concerning reduced dust pollution.

Board PRO-1400 insulating board should have a smooth surface without damage with permissible traces of interlaying fabric.

Each load of heat insulating board Board PRO-1400 should be stored in closed, ventilated rooms in conditions protecting them from wetness and humidity with temperature min 15 °C and max. 50% humidity.



Maximum working temperature		°C	1430
Density		kg/m <sup>3</sup>	910
Maximum ignition loss		%	25
Thermal transmittance at	400 °C	W/mK	0,14
	800 °C	W/mK	0,18
Organic content		%	5
Tensile strength	along fibres	kg/cm <sup>3</sup>	35
	across fibres		15
Compressibility at 70 kg/cm <sup>3</sup>		%	15-20
Elastic recovery		%	13
Dielectric constant			0,55
Dielectric loss factor			13500
Cross-insulation resistance		MΩ/cm	13000
pH			7
Tear resistance		MPa	3,0
Thermal conductivity at 800 ° C		W/mK	

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