

Non Ceramic, High Temperature Universal Millboard



TENMAT FIREFLY FF 700 has been specially developed as a commercial grade of millboard that is both strong and flexible with very low shrinkage at 1000°C. It provides outstanding performance as a universal gasketing, heat shield, and insulation material.

Easy to cut and machine, FIREFLY FF 700 combines low density with high strength. TENMAT non-ceramic refractory millboards are classed as non-hazardous under EU regulations, and thus can be disposed of in non-hazardous landfill—unlike competitor products containing Refractory Ceramic Fibre (RCF).

PROPERTY	UNITS	TYPICAL VALUE
Classification Temperature	°C	1,000
Density	kg / m ³	1,000
Coefficient of Thermal Conductivity	W / mK	0.1
Tensile Strength	MPa @ 20 °C	3.4
Flexural Strength	MPa @ 20 °C	8.0
Compression	% @ 21 MPa	35
Moisture Content	%	1.05
Loss on Ignition	%	12
Linear Shrinkage in 24hrs	% @ 1000 °C	0.75
Colour		Beige to Grey

Availability

STANDARD SHEETS 1 m x 1 m			
Thickness (mm)	Sheets in a Carton	Thickness (mm)	Sheets in a Carton
1.5	74	5.0	22
2.0	56	6.0	18
2.5	44	8.0	14
3.0	37	10.0	11
4.0	28	12.0	9

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS, ISO and ASTM test methods and should not be used for specifications. **TENMAT** does not warrant the conformity of its materials to the listed properties or their suitability for any particular purpose.

For further information please contact our Technical Sales Department on +44 161 872 2181.