

## 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	FF700
Density	kg / m <sup>3</sup>	1,000
Classification Temperature	°C	1,000
Coefficient of Thermal Conductivity	W / mK	0.12
Electrical Resistance	$\Omega \times 10^9 / \text{cm}^2$	7.9
Tensile Strength	MPa @ 20 °C	5
Flexural Strength	MPa @ 20 °C	7
Compression	% @ 21 MPa	36
Moisture Content	%	1
Loss on Ignition	%	11
Linear Shrinkage	% @ 1000 °C	2.3
Colour		Yellow

The information contained in this data sheet is presented in good faith. They are typical test results tested generally in accordance with BS 2782 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.

### 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