

Non Ceramic, High Temperature Universal Millboard



TENMAT FIREFLY FF 650 has been specially developed as a general insulation board that includes a percentage of recycled **TENMAT** products that have a graded mixture of fibre and dust, giving insulation properties that provide the market with a commercial grade of millboard that

is both strong and flexible up to 1000 °C.

Typically FF650 is ideally suited for application as a heat shield material. The material is supplied with small specks of coloured particles sometimes visible on the surface.

PROPERTY	UNITS	TYPICAL VALUE
Classification Temperature	°C	1,000
Density	kg / m ³	816
Coefficient of Thermal Conductivity	W / mK	0.1
Tensile Strength	MPa @ 20 °C	2.8
Flexural Strength	MPa @ 20 °C	6.6
Compression	% @ 21 MPa	35
Moisture Content	%	1.06
Loss on Ignition	%	18
Linear Shrinkage in 24hrs	% @ 1000 °C	0.61
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.

