



FIREPROTECT

# Data Sheet

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## Firefly FF 900

Manufacturers & Suppliers of Passive Fire Protection Products

Firefly FF 900 is a specialist grade millboard developed initially to be used in molten metal applications. Its high temperature insulation and low density means it has minimal shrinkage at 1000 °C.

It is low-smoking and low fuming and as it contains no ceramic refractory fibres it is classed as non-hazardous and can be disposed of in landfill.

Ideal for gaskets, many uses in the aluminium industry such as molten aluminium pipe sealing. Heat shields, thermocouple protection, ductwork, electrical and mechanical enclosures, furnace, kiln and oven hot face linings.

### Available in sheet sizes

1x1m, thickness: 2, 3, 4, 5, 6, 8, 10, 12mm

Can be easily fixed either mechanically or in conjunction with our 007 Adhesive



- \* Excellent Thermal Insulation
- \* Resistance to Wetting
- \* Minimal Shrinkage at 1250 degrees C
- \* Non-Hazardous Under EU Regulations
- \* Non-Marking
- \* Low – Smoking
- \* Low - Fuming
- \* Low - Density
- \* Suitable for Applications up to 1250 degrees C
- \* Proven Performance Over Decades
- \* Trusted by Industry Leaders Globally

### PROPERTY

### UNITS

### TYPICAL VALUE

Classification Temperature	°C	1000
Density	kg / m <sup>3</sup>	1000
Thermal Conductivity	W / mK	0.12
Tensile Strength	MPa	3
Flexural Strength	MPa @ 20 °C	6.9
Compression @ 21 MPa	%	35
Moisture	%	1
Loss on Ignition	%	11
Linear Shrinkage @ 1000 °C	%	0.6
Colour		Buff

Fireprotect ( Chester ) Ltd reserve the right to update this data sheet should any additional information become available. As our products are being used for a variety of applications under different conditions, we will not be held responsible for the failure of any product. Whilst all information is provided in good faith, it is up to the customer to test and establish suitability of each product via their own test methods.