



FIREFLY FF900 Millboard

FIREFLY FF900 is a specialist grade non-marking millboard material developed to excel in the metal industry.

**Product
Description**

FIREFLY FF900 typically finds application in metal industry as tundish covers, heat shields, seals, gaskets, thermal insulations, etc. due to its non-wetting quality and durability. This is an exonerated product in accordance with the European Directive 97/69 EC on Classification, Packaging, and Labelling of Dangerous Substances.

**Product
Advantages**

- 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

Technical Data

Property	Units	Typical Value
Density	kg/m ³	1000
Flexural Strength	MPa	6.9
Tensile Strength	MPa	3
Moisture	%	1
Loss on ignition	%	11
Linear shrinkage @ 1000 °C	%	0.6
Compression @ 21 Mpa	%	35
Thermal Conductivity	W/mK	0.12
Classification Temperature	°C	1000
Colour		Buff

Approved Applications

- Heat shields
- Gasketing & sealing applications
- Thermal covers
- Thermal insulations

Sizes

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

Tools / Safety Equipment

MSDS with safety considerations are available upon request

Storage

To avoid damage and distortion, store on a smooth level surface, in a fully supported position off the ground and in a dry place. Care should be taken not to exceed safe working loads for equipment and storage shelves or racks.



FIREFLY FF900

Millboard

ARCLEX

FEROFORM

FIREFLY

NITRASIL

REFEL

**REFRACTORY
PRODUCTS**

REFRAVER

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Advanced materials.
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Tenmat warrants the materials it produces will conform to Tenmat specifications and approved drawings where applicable. It is entirely the customer's responsibility to make the final product choice and satisfy themselves of the suitability of the product for the intended application, carrying out testing where required. For construction projects, all products which the customer is intending to use on a particular project must be approved in writing by the customer's building designer, system designer or design control professional, to ensure compliance with the latest regulations.

The information contained in Tenmat data sheets is presented in good faith. The values are "typical only" and are based on test results generally in accordance with BS2782, ASTM, a variety of other main test bodies along with Tenmat internal test methods. These values should not be relied upon for specification purposes or the primary selection of materials. As the data sheet values are typical only, Tenmat does not warrant the conformity of its materials to these properties or the suitability of its materials for any particular purpose. It is the responsibility of the customer to do the necessary testing and satisfy themselves the product is suitable for the intended application.