



# FIREFLY FF1125 Millboard

FIREFLY FF1125 is a specially designed alkaline earth silicate fibre millboard product for extreme temperature applications in many industries.

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**Product  
Description**

FIREFLY FF1125 has been developed to be used in high temperature industries to combat the high temperature wear problems. FF1125 is preferred choice of many companies worldwide due to its excellent properties. Applications include: High performance insulation roller, coverings in stainless steel strip manufacturing. This is an exonerated product in accordance with the European Directive 97/69 EC on Classification, Packaging, and Labelling of Dangerous Substances.

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**Product  
Advantages**

- Excellent Thermal Resistance
- High Resistance to Cracking
- Non-Hazardous Under EU Regulations
- Low Density
- Proven Performance
- Suitable for Applications up to 1,300°C
- Very Low Shrinkage up to 1,300°C
- Low Thermal Conductivity

Technical Data

Property	Units	Typical Value
Density	kg/m <sup>3</sup>	900
Flexural Strength	MPa	8
Tensile Strength	MPa	3
Moisture	%	1
Linear shrinkage @ 1000 °C	%	1.5
Compression @ 21 Mpa	%	30
Thermal Conductivity	W/mK	0.1
Classification Temperature	°C	1100
Colour		White

Approved Applications

Thermal insulations

Sizes

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

Working Life

Dependent on operating conditions

Storage

Normal safe precautions for storage can be used. 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 FF1125

## Millboard

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**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.