

# FIREFLY FF800 Millboard

The FIREFLY range of non-ceramic refractory millboard products are extensively used across various industries, which require a high performance insulation material. FIREFLY FF800 is a high quality, user friendly engineering millboard material, which is typically used as a roller covering.

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**Product  
Description**

FIREFLY FF800 is typically used as a roller cover in the glass industry. FF800 is the ideal material as it is non-marking, self cleaning and easily machined. FF800 also enables the machining of grooves and scallops into roller covering surfaces to facilitate the clearing of process shrapnel from machinery.

This is an exonerated products in accordance with the European Directive 97/69 EC on Classification, Packaging, and Labelling of Dangerous Substances.

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**Product  
Advantages**

- Improved Glass Quality
  - No Marking of Glass
  - No Pick Up of Tin Compounds
  - Long Life (Decades of Life)
  - Self Cleaning Properties
  - Low Maintenance Costs
  - Dimensionally Stable
  - Insulating Behaviour Allows Constant Lehr Temperature
  - Proven Performance
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**Approved Applications**

Float glass annealing lehr roller covering,  
General gasketing.



Physical Properties

Property	Units	Typical Value
Density	kg/m <sup>3</sup>	850
Flexural Strength	MPa	6.5
Tensile Strength	MPa	3
Moisture	%	1
Loss on ignition	%	11
Linear shrinkage @ 1000 °C	%	0.5
Compression @ 21 Mpa	%	36
Thermal Conductivity	W/mK	0.1
Classification Temperature	°C	1000
Colour		Pink

Sizes

1 x 1 m sheets and 1 x 2 m sheets , in thickness's of : 2, 2.5 3, 4, 6, 8, 10, 12, up to 36mm with thicker sheets available by request

Tools

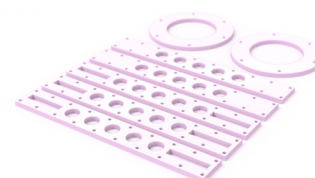
SDS available on request

Storage

- Both un-machined and machined boards should be packed to prevent movement, abrasion during transit and absorption of water. Otherwise 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.
- Packaged in card cartons, Millboards are not considered to be dense materials, but care should be taken not to exceed safe working loads for equipment and storage shelves or racks.

Working Life

Dependent on operating conditions



# FIREFLY FF800

## Millboard

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**ARCLEX**

***FEROFORM***

***FIREFLY***

**NITRASIL**

**REFEL**

**REFRACTORY  
PRODUCTS**

**REFRAVER**

Tenmat Ltd  
Ashburton Rd West, Manchester  
M17 1TD United Kingdom

+44 161 872 2181  
htsales@tenmat.com

tenmat.com



Advanced materials.  
tenmat.com

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