

Non-marking Millboard for Glass Roll Covers



TENMAT FIREFLY FF 800 is manufactured from high quality non-ceramic mineral fibres yielding a durable, high-performance, non-asbestos material which is non-hazardous and easy to handle.

Due to its silk-like finish when machined to shape, FF 800 has become the leading material for coverings of roller conveyors within the mass production of sheet glass.

TENMAT FIREFLY FF 800 is a non-marking roll covering. The self-cleaning millboard material protects the surface of a glass sheet, thus improving the quality of the product glass yielded.

Common plant contaminants such as tin or glass shards do not adhere to FF 800, which increases roller lifetime and maintains glass purity.

TENMAT FIREFLY FF 800 is a versatile and user-friendly material, reducing operating costs as it is easy to handle and form into roll coverings. FF 800 also enables the machining of grooves and scallops into roller covering surfaces to facilitate the clearing of process shrapnel from machinery.

FF 800 combines high strength with superior thermal stability at extreme temperatures, being classified at 1000 °C.

PROPERTY	UNITS	TYPICAL VALUE
Classification Temperature	°C	1,000
Density	kg / m ³	890
Coefficient of Thermal Conductivity	W / mK	0.1
Tensile Strength	MPa @ 20 °C	3.15
Flexural Strength	MPa @ 20 °C	0.91
Compression	% @ 21 MPa	36
Moisture Content	%	1.07
Loss on Ignition	%	12
Linear Shrinkage in 24hrs	% @ 1000 °C	0.75
Colour		Pink

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.