

Isofrax® 1260C is a revolutionary new fibre with a unique, patented silica-magnesia chemistry. Designed to be used in a wide variety of demanding, high temperature applications, Isofrax has very high solubility in simulated body fluids and meets the European and German regulatory requirements.

Isofrax 1260C Mastics are newly developed insulating products for use in high temperature industrial applications where patching and filling of voids is required. Isofrax 1260C Mastics show good strength and resistance to shrinkage in operational environments and are easy to install.



GENERAL CHARACTERISTICS

Isofrax Pumpable Mastic

Isofrax Pumpable Mastic is a pumpable product designed for use with a variety of hand operated and pneumatic applicators.

Typical applications include:

- Hot or cold repairs of boilers
- Caulking of expansion joints and cracks in anode baking pits
- Insulation of furnace penetrations (e.g. tubes, tube hangers & thermocouples)

Isofrax Moldable Mastic

Isofrax Moldable Mastic is a moldable putty-like product which requires drying to produce a hard surfaced, low shrinkage insulator.

Typical applications include:

- Incinerator packing/insulation
- General packing applications
- Piece moulding

TYPICAL PRODUCT PARAMETERS

Typical Physical Properties

Grade	Pumpable	Moldable
Colour	White	White
Product Form	Tacky putty	Tacky putty
Maximum Rec	1260°C	1260°C
Operating Temp		
Wet Density	1090 kg/m ³	1140 kg/m ³
Dry Density *	270 kg/m ³	340 kg/m ³

Thermal Conductivity Data (W/mK)*

Mean Temp.	Pumpable	Moldable
600°C	0.09	0.21
800°C	0.13	0.25
1000°C	0.19	0.31

* Dry Density & Thermal Conductivity values are for guidance only. Actual values are dependent upon installed characteristics.

Any new and/or special use of these products, whether or not in an application listed in this datasheet, must be submitted to our technical department for their prior written approval. Information contained in this publication is for illustrative purposes only and is not intended to create any contractual obligation.

Shelf life

Isofrax 1260C Mastics can be stored for up to 6 months if kept unopened in cool, dry conditions. Excessive heat will shorten shelf life and freezing will damage the product. Storage between 5°C and 20°C is recommended.

Important note !

Isofrax Pumpable Mastic can be easily installed using the approved equipment. Details of recommended pump units, applicator tools and caulking guns are available from your Unifrax local sales office. For first time users it is recommended that Unifrax be contacted for detailed installation advice.

After installation and during first firing of **Isofrax 1260C Mastics** some initial outgassing can be expected at elevated temperatures. In some situations forced drying at 90-150°C may be beneficial.

Availability

Isofrax Pumpable Mastic is available in the following packaging:

1500ml sachets
5kg & 20kg pails



The 1500ml sachets are for use with either air or hand operated applicator tools. The material in the 20kg

pail is supplied pre-packed for use with the recommended pump unit. This is essential for a successful pumping operation.

Isofrax Moldable Mastic is available in the following packaging:

5kg & 20kg pails