

INSULFRAX™ PUMPABLE

An addition to our Fibers product range, Insulfrax® is a revolutionary breakthrough in insulating materials technology. This high temperature vitreous wool has very high solubility in body fluids and hence has no hazard classification.

Insulfrax Pumpable is a new product from Unifrax, based on a calcium-magnesium-silica chemistry.

This mastic can be used in high temperature industrial applications where patching and filling of voids is required.

Insulfrax Pumpable shows good strength and resistance to shrinkage in operational environments and is easy to install.

General Characteristics

Insulfrax Pumpable is designed for use with a variety of hand operated and pneumatic applicators. Typical applications include:

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

Typical Physical Properties

Colour	White
Product Consistency	Tacky Putty
Maximum Recommended Operating Temp	1100°C
Wet Density	1050kg/m ³
Dry Density	325kg/m ³

Thermal Conductivity Data (W/mK)

Mean Temp.	Insulfrax Pumpable
600°C	0.09
800°C	0.13
1000°C	0.19



Installation Information

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

Availability

- Insulfrax Pumpable is available in 2kg plastic sleeves, 4 kg and 20 kg containers.
- Pneumatic caulking guns to suit 2kg sleeves are available.

Shelf Life

Insulfrax Pumpable 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.

Data are average results conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.