



DESCRIPTION

Fiberfrax Coating Cement is a versatile refractory coating composed of Fiberfrax refractory ceramic fibres blended with inorganic additives. These air setting cements dry hard to provide an erosion and abrasion resistant surface enabling use as protective coatings for a wide variety of porous and non-porous materials. Fiberfrax Coating Cement can also be used as a bonding agent for certain materials and applications. When exposed to temperatures above 870°C, Fiberfrax Coating Cement undergoes an increase in strength due to the formation of a ceramic bond.

GENERAL CHARACTERISTICS

Fiberfrax Coating Cement has the following outstanding characteristics:

- High temperature stability
- Resistance to thermal shock & chemical attack
- Excellent thermal reflectance
- Resistance to erosion
- Molten aluminium wetting resistance

TYPICAL APPLICATIONS

- Protective coating for molten aluminium distribution systems
- Furnace lining hot gas erosion protection
- Coating of graphite in vacuum furnaces
- Adhesive for ceramic fibre papers and felts

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

*Start saving energy now.
Contact your local distributor.*

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TYPICAL PRODUCT PARAMETERS

Fiberfrax	Coating 125
Physical Properties	
Colour	White
Product Form	Paint
Use Limit (°C) *	1250
Wet Density (kg/m ³)	1720
Dry Density (kg/m ³)	1200
Application	
Typical layer thickness (mm)	0.25 - 0.5
Consumption per layer (litres/m ²)	0.35 - 0.7
Application method	Brush or Roller

*The maximum continuous limit temperature for these products depends upon application conditions. For certain applications operational temperature limits may be significantly reduced. For assistance or clarification please contact your nearest Unifrax Engineering office. Where appropriate Physical Properties data measured according to EN 1094-1.

INSTALLATION PROCEDURES

Fiberfrax Coating 125 is an all purpose cement which resembles an off-white paint and is particularly suited to application by brush or roller. However, when applying this coating using spray equipment, adequate ventilation must be ensured and precautions taken against inhalation of particles. Please refer to the material safety data sheet.

For all methods of application, best adhesion will be obtained by roughening smooth surfaces before application. Oil and grease contaminated surfaces should be cleaned prior to application.

AVAILABILITY

Fiberfrax	Coating 125
5 Litre Pail	✓
20 Litre Pail	✓

Shelf Life & Storage

Fiberfrax Coating Cement can be stored for up to 12 months, based on unopened container kept in cool dry storage conditions. Storage between 5 and 20 °C is recommended. (Excessive heat will shorten the shelf life and repeated freezing will damage the product.) This product contain a small amount of anti-freeze to permit shipment during winter months.

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by: