

FIBERFRAX® RIGIDIZER

Fiberfrax Rigidizer is an inorganic liquid compound that is used as a surface treating agent to increase hardness and erosion resistance of Fiberfrax materials. Flame resistance improves considerably and permeability to gases or molten metals is reduced, with a coating of Fiberfrax Rigidizer. Fiberfrax Rigidizer is easily applied by employing standard brushing, rolling, dipping and spraying techniques.

General Characteristics

Fiberfrax® Rigidizer has the following benefits:

- Adds excellent flame erosion resistance to Fiberfrax Blankets.
- Structural hardening agent for Fiberfrax Papers, Durablankets, modules and Duraboards.
- Easy to use and apply.

Installation and Drying Schedule

Fiberfrax Rigidizer should be applied to clean surface free of all oil or grease. When applying by spraying, provide suitable respiratory protection and adequate ventilation. Bonding action is achieved when the water vehicle is removed through evaporation. Heating or oven drying will accelerate evaporation, but time to dry and fully cure is a function of size and geometry.

Availability

Fiberfrax Rigidizer is available in 1, 4 and 20 litre containers.



Physical Properties

Colour	Blue
Continuous Use Limit	1260°C
Specific Gravity	1.2
Normal Shelf Life	1 year
Viscosity	4 centipoise
pH	9.7
Coverage:	
On Fiberfrax® Paper	2.1 m ² /ltr
Impermeable Surface	4.2 m ² /ltr

Typical Applications

- Erosion resistant surface coating for Fiberfrax Durablanket linings exposed to high velocity gases.
- Bonding agents in the manufacture of Fiberfrax composites and laminates.
- Structural hardening agent for Fiberfrax Paper, Durablanket and Duraboard.

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