FIBERFRAX BOILER SEAL

Fiberfrax Boiler Seal is an asbestos free dry mix made from ceramic fibers and inorganic hydraulic setting binders.
Boiler Seal has been specifically designs for use as a seal between boiler doors and applications where an insulating seal needs to be regularly broken. Boiler Seal can easily be removed to allow for inspection or overhaul.
When mixed with water, Boiler Seal becomes a tacky, plastic consistency and can be applied by trowel or gloved hand. When dry it becomes a tough, yet flexible insulating seal which is resistant to thermal shock.
It can be air or forced dried at temperatures up to 200°C to remove excess water.

General Characteristics

Boiler Seal has these outstanding properties:

- Easily removed
- Easy to apply
- Low thermal conductivity
- Low heat storage
- Light weight
- Thermal shock resistance
- Good sound absorption
- Excellent corrosion resistance
- Medium temperature stability
- Compatibility with copper and most metals

Typical Applications

- Sealing joints which regularly need to be inspected
- Boiler seal doors
- Seal for irregular shaped gaskets
- Insulating seal around copper pipes

Typical Physical Properties

Colour	White
Continuous Use Limit*	500°C
Wet Density	1350kg/m^3
Dry Density	620kg/m^3
Melting Point	1760°C
Fiber Diameter	2 – 3 microns
Specific Heat	1130J/kgK
Linear Shrinkage (24hrs @ 500°C)	0.5%

**The Continuous Limit of Fiberfrax Insulation is determined by irreversible linear change criteria, not product melting point.*

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

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