



Ceramic Fiber Moldable & Pumpable



Features

- Low heat storage.
- Reduces fume emission around refractory.
- Excellent thermal shock resistance.
- Resistance to gas velocity.
- Easy to install.
- Adheres to most ceramic and metallic surfaces.
- Excellent corrosion resistance.
- Inert to most chemicals.
- Impermeable to molten aluminum, zinc, copper, lead.
- Contains no asbestos.

Properties

NUTEC Fibrattec* moldable is used to prevent heat loss caused by the deterioration of the existing lining and can be installed using a trowel, a caulking gun or a pump.

NUTEC Fibrattec* moldable is multipurpose form of ceramic fiber dispersed in a sticky, cohesive binder system that adheres to most ceramic and metallic surfaces.

Typical Applications

- To form troughs or liners for non ferrous metal transfer.
- Gaskets and seals around burner blocks.
- Protection of metallic parts from heat.
- Pump into voids in badly damaged back up insulation.
- Gaskets and seals for chimneys and stacks.
- Boiler doors seals and thermal insulation.
- To fill voids and cracks in refractory surface.

The NUTEC FIBRATEC Pumpable is a multipurpose form of ceramic fiber dispersed in a sticky mix. Fibrous in nature, excellent insulation properties, lightweight, easy to install, dramatic energy savings.

This pumpable mix is characterized by excellent wet adhesion to steel, refractories and other ceramic fiber products.

This material is also immune to thermal shock, resists flame erosion, it has very low heat storage and low thermal conductivity at high working temperatures.

These are just some of the advantages of using Nutec Fibrattec Ceramic Fiber products to solve your Insulating problems. Contains no Asbestos.

Typical Applications

It can be used as back up insulation or on hot face patching in refractory linings gaps or cracks and stud protection.

Typical Physical Properties	2300 Moldable	2300 Pumpable	2600 Pumpable
Color	Off-white	Off-white	Brown
Grade Classification Temp °C (°F)	1200(2190)	1200(2190)	1425(2600)
Max.Contuse Limit,°C(°F)	1200(2190)	1200(2190)	1370(2500)
Solids (%)	50	40	36
Wet Density kg/m3 (lb/ft3)	70-75	70-75	75-80
Dry Density kg/m3 (lb/ft3)	40-45	30-35	25-29
Linear Shrinkage 24 h°C(°F)	2.8%@1093°C(2000°F)	2.8%@1093°C(2000°F)	2.5%@1093°C(2000°F)
Typical chemical Analysis			
AL2O3	40-42	45-47	41-45
SiO2	50-52	50-52	46-50
Packaging			
1 gal Plastic drums	✓	✓	-
5 gal Plastic drums	✓	✓	✓
2 pound caulking gun	✓	✓	✓

*Bu bilgiler, de i eblen tipik özellikleri temsil etmektedir ve spesifikasyon amacıyla kullanılmamalıdır.
This data represents typical properties subject to variations and should not to be used for specification purposes.*