



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.

Ceramic Fiber Moldable

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

Technical Specifications

	Moldable	Pump Mix
Max. Use Limit, °C(°F)	1260(2300)	1260(2300)
Continuous Use Limit, °C(°F)	1200(2102)	1200(2102)
Solids, (%)	50	40
Wet Density, kg/m3(lb/ft3)	1100(69)	1100(69)
Dry Density, kg/m3(lb/ft3)	550(34)	550(34)
Linear Shrinkage 24 h	2.8% @	2.8% @
°C(°F)	1093(2000)	1093(2000)
Color	off-white	off-white
Chemical Analysis (%)		
AL ₂ O ₃	40 - 42	45 - 47
SiO ₂	50 - 52	50 - 52

Packaging: 5 gallon drums

European

Plastic drums: 22.7 kg (50 lbs)

Pumpable caulking gun: 0.45 kg (1lb)
0.90 kg (2lbs)

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.

Nutec Fibrathec* moldable is available in two forms:

Moldable Pump Mix, which is formulated with a proprietary alumina based binder system, ideal for molten aluminum contact applications or when pump or caulking tube application is desired.

Standard Moldable, with a conventional silica based binder system is normally specified for trowel or spatula applications.