



Rigidizer

Nutec Fibratec* Rigidizer is applied to the surface of Nutec Fibratec* Blanket, or other high temperature ceramic fiber insulations by spraying or brushing. After air-drying, Nutec Fibratec* Rigidizer firms-up the refractory ceramic fiber, giving it tougher, more abrasion resistant characteristics. It is normally applied after the ceramic fiber is installed.

Nutec Fibratec* Rigidizer, is shipped in 5-gallon plastic drums. One gallon of rigidizer covers approximately 50 square feet brushed or 100 square feet when sprayed.



Typical Applications

- Ceramic Furnaces.
- Oil Heaters.
- Petrochemical Heaters.
- Steel Treatment Furnaces.
- Molten metal transportation

**RIGIDIZER
2300 °F**

Maximum Recommended Temperature

For Continuous Use 980 °C. 1800 °F.

Bulk Density - As Shipped 75 lbs/ft³ 1.21 g/cc

**Weight Per Gallon (3.79
Liters)** 10 lb 4.5 kg

Coverage Per Gallon Approximately

Area Brushed 4.6 m² 50 ft²

Area Sprayed 9.3 m² 100 ft²

Color Bluish-White

Specific Gravity

At 77°F. (25°C.) 1.21

Viscosity

At 77°F. (25°C.) 5 Centipoise

ph 9.8

Shelf Life 1 year

Chemical Analysis (%)

Silica - SiO₂ +99%

Alkali - Na₂O 0.32%

Sulfates as Na₂SO₄ 0.04%

Chlorides as NaCl 0.01%

The test data shown above are based on average results of control test and are subject to normal variations on individual test. These results cannot be taken as maximum or minimum requirements for specification purpose.