

rigidizer & cement

Nutec Fibratex™ Rigidizer can be used for applications with high velocity or flame impingement on ceramic wools. Rigidizer can be applied to the surface of Blanket, Modules or other high temperature insulations by spraying or brushing. After drying, Rigidizer will harden the surface of the product to make it more resistant to high velocity. It is normally applied after the ceramic fiber is installed.

Nutec Fibratex™ Rigidizer comes in 5-gallon plastic pails.

COVERAGE FOR 1 GALLON:

Brushed: 50 square feet
Sprayed: 100 square feet

TYPICAL APPLICATIONS

- High Velocity Resistance
- Hot Gas Erosion or Flame Impingement
- Catalytic Converter Mat Protection
- Hardening Agent for Fiber Products

Nutec Fibratex™ Cement is a mix of high purity adhesives used to hold fiber materials together. The cement has the consistency of thick cream and can be applied by brushing or trowelling. Water can be used to thin the cement for use with other refractory materials.

TYPICAL APPLICATIONS

- Veneering Modules over Refractory
- Adhesive for Ceramic Wools
- Mortar for Refractory
- Adhesive for Paper Applications
- Attaching Boards to Furnace Shell



Typical Physical Properties	Rigidizer 2300	Rigidizer 2700	CF Cement 1300	CF Cement 1500	2300 Pumpable
Color	Red	Red	White	Off-White	Green
Grade Classification Temp, °C (°F)	1260 (2300)	1482 (2700)	1260 (2300)	1500 (2732)	1260 (2300)
Maximum Continuous Use Limit, °C (°F)	1260 (2300)	1482 (2700)	1260 (2300)	1500 (2732)	1093 (2000)
Normal Layer Thickness, mm (in)	—	—	0.25-1.0 (0.01-0.04)	1-3 (0.039-0.117)	—
Application Rate m ² (SF/Gal)	75	75	1.2-2.5 (0.01-0.04)	0.5 (0.01-0.04)	100
Solids (%)	—	—	70-72	72-75	—
Linear Shrinkage 24 h °C (°F)	—	—	3.1%@1260 (2300)	3.1%@1260 (2300)	—
Packing					
1 gal Plastic pails	4.86 Kg /10.7 Lb	4.86 Kg /10.7 Lb	4.86 Kg /10.7 Lb	4.86 Kg /10.7 Lb	4.86 Kg /10.7 Lb
5 gal Plastic pails	23.8 Kg /52.5 Lb	23.8 Kg /52.5 Lb	•	•	22.3 Kg /49.2 Lb