



Ceramic Fiber Rigidizer & Cement



Properties

NUTEC Fibrattec* rigidizer is applied to the surface of NUTEC Fibrattec* blanket, or other high temperature ceramic fiber insulations by spraying or brushing. After air-drying, NUTEC Fibrattec* 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 Fibrattec* 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

- Hot gas erosion resistant coating in furnaces and ducts.
- Catalytic converter mat edge protection.
- Structural hardening agent for papers on board.
- Use as bat wash on kiln furniture.
- Cementing modules on to blocks.
- Mortar for refractory bricks.
- Insulation and protection for metallic surfaces.
- Protection against corrosion and abrasion for fibre linings.
- Adhesive for sticking refractory paper to submerged entry nozzles
- (SEN) in continuous casting steel plants.
- For sticking ceramic paper and felt to steel ladles.
- For sticking blankets and board to each other to increase thickness.
- Our cement has added advantage of flexibility once dried.

Typical Physical Properties	CF Cement 1300	CF Cement 1500	Rigidizer 2300	Rigidizer 2700
Color	White	off-white	Green	Red
Grade Classification Temp, °C (°F)	1260(2300)	1500(2732)	1260(2300)	1482(2700)
Max.Contuse Limit,°C(°F)	1260(2300)	1500(2732)	1093(2000)	1482(2700)
Normal Layer Thickness, mm(in)	0.25-1.0(0.01-0.04)	1-3(0.039-0.117)	-	-
Application Rate m2 /1 (SF/Gal)	1.2-2.5(50-100)	0.5 (20)	100	75
Solids (%)	70-72	72-75	-	-
Wet Density kg/m3(lb/ft3)	-	-	-	-
Dry Density kg/m3(lb/ft3)	-	-	-	-
Linear Shrinkage 24 h°C(IF)	3.1% @ 1260 (2300)	3.1% @ 1260(2300)		

Packaging

1 gal Plastic drums	✓	✓	✓	✓
5 gal Plastic drums	-	-	✓	✓
2 pound caulking gun	-	-	-	-

Bu bilgiler, de i ebilen 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.