



MaxCoat-150/180

Nutec Ceramic Fiber Reinforced Coating Cements

Product Description:

MaxCoat 150 and 180 Coating Cements provide a high temperature protective coating which are available in two different viscosities to match different application methods. After drying, each will exhibit the same performance advantages to include strong fiber to fiber adhesive bonds, no shrinking or cracking, a tough, smooth monolithic finish and both are stable to very high temperatures. The MaxCoat Cements will resist flame penetration and hot gas erosion of fiber insulation surfaces. They effectively resist wetting by many non-ferrous molten metals. They prevent hot gas erosion of fiber insulation surfaces and produce zero smoke or out-gassing when exposed to high temperatures. MaxCoat 150 and 180 Coating Cements have excellent dielectric properties and low thermal conductivity values.

Product Features:

- Low Thermal Conductivity
- High Thermal Reflectance
- Thermal Shock Resistant
- High Temperature Stability
- Non-Wetted by Aluminum
- No Shrinkage upon Drying.
- Good Adhesive & Surface Bonding
- High Dielectric Strength
- Smooth, Uniform, Surface Finish

Product Data:

- MaxCoat-150 can be applied with a standard masonry trowel.
- MaxCoat-180 has a paint-like consistency for brushing, painting and dipping.

Data are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes. Please refer to the Product Safety Data Sheet (SDS) for recommended work practices and other product safety information.

Typical Properties

Typical Properties	MaxCoat-150	MaxCoat-180
Color	White	White
Consistence	Paste	Paint
Temp Rating	2300°F	2300°F
Thermal Shrinkage	< 3%	< 3%
Coverage sf/gal	25	75

Composition:

MaxCoat Coating Cements are made from ceramic fibers, inorganic binders and ceramic fillers.

Typical Dry Chemistry

% wgt	MaxCoat-150 / 180
Al ₂ O ₃	40 %
SiO ₂	58 %
Other	2 %
Total	100 %

Shelf Life & Storage:

MaxCoat series Coating Cements can be stored up to nine months, if unopened and kept in a cool, dry environment.

High heat and freezing conditions will damage the product. Coatings Cements require stirring/mixing to restore proper viscosity and should be used immediately after opening.

