

MaxMoldable

MaxSealCoat & MaxModuleCoat

MaxMoldable™ is a multipurpose product manufactured from a blend of alumina-silica fibers and binders. Moldable is a tacky, putty-like material that adheres to ceramic wools and refractory material.

MaxMoldable™ is used to prevent heat loss caused by the deterioration of existing linings. MaxMoldable™ can also be used to fill cracks or as a seal. This product can be installed by using a trowel or a caulking gun.

FEATURES

- Low Heat Storage
- Excellent Thermal Shock Resistance
- High Velocity Resistance
- Easy to Install
- Adheres to Ceramic and Refractory Materials
- Excellent Corrosion Resistance
- Impermeable to Non-Ferrous Metals
- Contains No Asbestos



TYPICAL APPLICATIONS

- Trough Liners for Non-Ferrous Metals
- Gaskets and Seals for Burner Blocks
- Gaskets and Seals for Chimneys and Stacks
- Boiler Door Seals and Thermal Insulation
- Fill Voids and Cracks in Refractory Surfaces

MaxSealCoat™ 2600 is a tacky, putty-like material that can be used to repair hot face module linings for temperatures that exceed 2400°F. This product can be applied into refractory joints and cracks as a seal or for hot spot repair. MaxSealCoat™ 2600 can also be used in applications with high velocity or mechanical abuse. The product can be pumped onto the surface or applied with a trowel. After drying, the product will harden on the surface of the fiber with low shrinkage.

MaxModuleCoat™ is a product that can be used to repair furnace linings using modules or blanket. This is a tacky-putty like material that can be used in temperatures up to 2450°F with very low shrinkage (1.2 %). This product is ideal for filling shrinkage cracks for modules or to patch blanket linings. The product can be applied to furnace lining with a hand trowel or with a pneumatic pump.

Typical Physical Properties	MaxMoldable (2300)	MaxSealCoat(2600)	MaxModuleCoat(2600)
Color	Off-White	Brown	Gray
Grade Classification Temp, °F (°C)	2300 (1260)	2600 (1425)	2600 (1425)
Maximum Continuous Use Limit, °F (°C)	2100 (1148)	2420 (1325)	2450 (1315)
Solids (%)	50	43	45
Wet density lbs./ft ³ (kg/m ³)	70 - 75 (1122 - 1202)	76 - 82 (1218 - 1314)	80 (1282)
Dry density lbs./ft ³ (kg/m ³)	30 - 35 (481-561)	30 - 36 (481 - 577)	35 (561)
Linear Shrinkage 24 h °F (°C)	2.8% @ 2000°F (1093 °C)	2.8% @ 2600°F (1426°C)	1.2% @ 2450°F (1345°C)

Typical Chemical Analysis

Al ₂ O ₃	40 - 42	47 - 50	40 - 42
SiO ₂	50 - 52	49 - 52	50 - 52
Fe ₂ O ₃		0.5 - 0.9	
Other		1.5 - 2.3	

Packaging

1 gal Plastic pails	•	—	—
5 gal Plastic pails	•	•	•
2 pound caulking tube	•		

*6 month shelf life

FEATURES

- Low Shrinkage at High Temperatures
- Module Lining Repair
- Low Heat Storage
- High Velocity Resistance
- Adheres to Ceramic and Refractory Materials
- Excellent Corrosion Resistance
- Easy to install

NUTEC
high temperature insulation wools