

MaxMoldable™ & MaxCoat™

MaxMoldable™ (2300) 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™ (2300) 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.

MaxMoldable™ AL is a product that is recommended for applications in the Aluminum industry. It is ideal for lining aluminum transfer troughs and ladles. This product can be used to fill cracks or as a seal. Moldable AL is a tacky, putty-like material that adheres to the surface. It can be applied with a hand trowel or with 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

MaxCoat™ 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. MaxCoat™ 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.

Typical Physical Properties	MaxMoldable (2300)	MaxMoldable AL	MaxCoat (2600)
Color	Off-White	Off-White	Brown
Grade Classification Temp, °F (°C)	2190 (1200)	2300 (1260)	2600 (1425)
Maximum Continuous Use Limit, °F (°C)	2190 (1200)	2000 (1093)	2450 (1315)
Solids (%)	50	50	45
Wet density lb/ft³ (kg/m³)	70 - 75 (1122 - 1202)	80 (1282)	80 (1282)
Dry density lb/ft³ (kg/m³)	40 - 45 (641 - 721)	45 (721)	35 (561)
Linear Shrinkage 24 h °F (°C)	2.8% @ 2000°F (1093 °C)		1.2% @ (2450°F)
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			