

# moldable &

# seal coat

Nutec Fibratex™ Moldable (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 materials.

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

## 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

Nutec Seal Coat 2600 is a higher temperature version of our 2300 Moldable. This product is tacky, putty like product that can be used to temperature that exceeds 2400°F. Seal Coat (2600) may be applied into refractory joints and cracks as a seal or for hot spot repair. This product can be used as a coating over refractory to improve thermal efficiency. It can be applied with a pneumatic pump or hand trowel.

Typical Physical Properties	Moldable (2300)	Seal Coat (2600)
Color	Off- White	Brown
Grade Classification Temp, °C (°F)	1200 (2190)	1425 (2600)
Maximum Continuous Use Limit, °C (°F)	1200 (2190)	1325 (2420)
Solids (%)	50	43
Wet density kg/m <sup>3</sup> (lb/ft <sup>3</sup> )	1122 - 1202 (70 - 75)	1218-1314 (76 - 82)
Dry density kg/m <sup>3</sup> (lb/ft <sup>3</sup> )	641 - 721 (40 - 45)	481 - 577 (30 - 36)
Linear Shrinkage 24 h °C (°F)	2.8%@1093 °C (2000°F)	2.8%@1426 °C (2600°F)

## Typical Chemical Analysis

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

## Packaging

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