CERAMIC FIBERBOARD MOLDABLE MIX

What is Moldable Mix?

A ceramic moldable mix consists of fibers dispersed in a slightly sticky refractory binder system to permit vibratory casting rated to a temperature of 2300°F (1260°C). The putty-like consistency allows easy application by caulking, troweling, hand-forming, and pressure molding. Mix readily dries over a range of temperatures from ambient to high temperatures. Once drained in place, the moldable hardens with a high tensile strength and resistance to molten metals.

Typical Applications

- Custom molded shapes for application
- Patching refractory joints and cracks.
- Hardware protection of ceramic fiber furnace linings.
- Patching for burner blocks and vacuum formed ceramic fiber parts.

Material Benefits

- Provides the ability to create truly custom shapes and sizes for unique applications.
- Dries over a range of temperatures from ambient to high.
- Ease of use and varying application methods.
- Hardens with a high tensile strength and resistance to molten metals.

Properties | Values
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Color | White
Max Temperature | 2300°F (1260°C)
Percent Solids | 50-60 %
Wet Density | 80-90 lbs/ft³
Dry Density | 45-55 lbs/ft³
LOI | 4-5 %
Shrinkage @ 2000°F | < 5 %
MOR (Dry) | 400 psi
Consistency | Putty

Additional Questions?

If you need additional technical assistance or a quote, please do not hesitate to contact our office directly.