



# THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

## THERMOSEAL® M22 MOLDABLE

THERMOSEAL® M22 Moldable is a pumpable, high-temperature resistant refractory material designed for a wide variety of applications. THERMOSEAL® M22 Moldable can be formed into shapes such as fireplace logs and lightweight refractory shapes, used for refractory lining repair, or layered over existing refractory as surface coating.



### AVERAGE PHYSICAL PROPERTIES

Description	Pumpable
Consistency	Sticky Paste
Color, wet	White
Use Limit	2300°F • 1260°C
Linear shrinkage, %	-3 @ 2300°F • 1260°C
Wet Density, lbs/ft <sup>3</sup>	76 (+/- 5%)
Dry Density, lbs/ft <sup>3</sup>	23 @ 250°F • 120°C
Fired Density, lbs/ft <sup>3</sup>	21 @ 2300°F • 1260°C
Solid Content, %, wet	28 (+/- 1%)
Silica, % fired	54
Alumina, % fired	45

Tolerance is +/- 10% unless otherwise stated.

**APPLICATION** - THERMOSEAL® M22 Moldable is applied with the fingers, trowels, spatulas or caulking guns, and is easily formed to any contour, or readily pressed into cracks and smoothed out. Gloves should be worn when hand applying. Water wet the tool to facilitate smoothing and contouring. Drying consists of removing the liquid portion of the mix, usually by use of an external heat source at 200 - 220°F • 93 - 104°C for approximately six hours per inch of thickness.

**USES** - Trough linings for molten metal transfer, high temperature sealing and coating, light weight refractory shape manufacture, trough coating and patching, and furnace patching.

**PACKAGING** - THERMOSEAL® M22 Moldable is available in 11 oz. caulking tubes, 32 oz. caulking tubes, one and five gallon buckets, and 55 gallon drums. Special packaging available upon request. Do NOT allow THERMOSEAL® Moldables to freeze.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.