



**Mid-Mountain Materials**

# THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

## THERMOSEAL® MOLDABLE

THERMOSEAL® Moldables are high temperature resistant refractory materials designed for a wide variety of applications from fireplace applications to furnace repair. THERMOSEAL® Moldables can be formed to shape (i.e. fireplace logs, lightweight refractory shapes), used for refractory lining repair (cracks and holes) or layered over existing refractory as surface coating.

THERMOSEAL® products are non-toxic, asbestos and refractory ceramic fiber free, and are easily cleaned up with warm water while in the wet state.

### AVERAGE PHYSICAL PROPERTIES

### THERMOSEAL M254 R-3

Description	Moldable
Consistency	Free Flowing
Color, wet	Light Yellow
Color, dried	Light Yellow
Use Limit, °F • °C	1000 • 538
Wet Density (lbs/CF) (+/- 5%)	110
Dry Density (lbs/CF) @ 450°F • 232°C (+/-5%)	83
Fire Density (lbs/CF) @ 1500°F • 816°C (+/-5%)	80
Penetrometer range	280-350
MOR (UF)(lbs/inch)	600-800
Moisture (%)(+/-1%)	22
Solids (% wet)(+/-1%)	78
Firing	NO FIRING REQUIRED
Packaging	
•18 gauge drums (w/bolt ring)	
•Color-Green	55 gallon drum
•Plastic/Steel pallets	

### APPLICATIONS

Refractory Panels  
Fireplace Logs  
Furnace and Kiln Repair

THERMOSEAL® Moldables can be custom formulated to meet specific application criteria. Special Packaging available upon request.

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.