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 M244	THERMOSEAL M295 R-1
Description	Moldable	Moldable
Consistency	Sticky Paste	Smooth Paste
Color, wet	Beige	Light Beige
Color, dried	Beige	Light Beige
Use Limit, ºF • ºC	1800 • 982	2000 • 1093
Wet Density (lbs/CF) (+/- 5%)	92	104
Dry Density (lbs/CF) @ 450ºF • 232ºC (+/-5%)	99	85
Fire Density (lbs/CF) @ 1500ºF • 816ºC (+/-5%)	85	80
Penetrometer range	200-300	200-270
MOR (UF)(lbs/inch)	800-900	800-1000
Moisture (%)(+/-1%)	26	25
Solids (% wet)(+/-1%)	74	75
Firing	45 minutes @ 1350ºF • 732ºC	45 minutes @ 1350ºF • 732ºC
Packaging		
•18 gauge drums (w/bolt ring)		
•Color-Green	55 gallon drum	55 gallon drum
•Plastic/Steel pallets		

APPLICATIONS

Fireplace Logs	Fireplace Inserts
Burners	Fireplace Logs
Refractory Panels	Burners
Furnace and Kiln Repair	Refractory Panels

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

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