



## THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

### THERMOSEAL® T22 TAMPING MIX

THERMOSEAL® T22 TAMPING MIX is comprised of bulk refractory fibers combined with a high-temperature resistant binder system, excellent for use in forming light weight and rigid insulating structures such as boiler door linings, covers, and hoods as well as furnace backup linings. THERMOSEAL® T22 TAMPING MIX is unaffected by thermal shock, has very low heat transfer, and is resistant to most chemicals, with the exception of hydrofluoric acid, phosphoric acid, and strong alkalies.

#### AVERAGE PHYSICAL PROPERTIES

Consistency	Wet Tamping Mix
Color	Off-White
Use Limit	2300°F • 1260°C
Linear shrinkage, %, 24 hours, soak	< 2.5 @ 1830°F • 1000°C
Wet Density, lbs/ft <sup>3</sup>	70
Dry Density, lbs/ft <sup>3</sup>	22
Modulus of rupture, lb/in <sup>2</sup>	45
Silica, % fired	78
Alumina, % fired	22

Tolerance is +/- 10% unless otherwise stated.

**APPLICATION** Use THERMOSEAL® T22 Tamping Mix as packaged. Place into mold area to be filled, and hand or mechanically tamp in place to assure void removal and adequate compaction. Allow for drainage of excess binder through mess screen or weep hole. Air dry or force dry below 500°F • 260°C.

**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® T22 Tamping Mix is available in five gallon plastic buckets, and 55 gallon drums. Do NOT allow THERMOSEAL® T22 Tamping Mix 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.

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