Mid-Mountain Materials

THE FINAL BARRIER
AGAINST ABRASION,
CHEMICALS AND HEAT

THERMOSEAL® T22 TAMPING MIX

2300°F • 1260°C

THERMOSEAL® T22 Tamping Mix is a wet tamping mix made up of bulk refractory fibers and a high temperature binder system, and is particularly good for use in forming light weight and rigid insulating structures such as boiler door linings, covers, hoods and various furnace backup linings. THERMOSEAL® T22 Tamping Mix is resistant to the attack of most chemicals with the exception of hydrofluoric and phosphoric acids and strong alkalies. It is totally unaffected by thermal shock and has very low heat transfer.

AVERAGE PHYSICAL PROPERTIES

Color	Off-White
Use Limit, °F • °C	2300 • 1260
Linear Shrinkage %, 24 hrs. Soak,	
1800°F • 980°C	2% prox.
2300°F • 1260°C	5% prox.
Wet Density, lbs/cu ft	70-75 (depending on tamp density)
Dried Density, lbs/cu ft	20-25 (depending on tamp density)
Modulus of Rupture, lbs/sq in	45
Chemical Composition, dried and fired, %	Al_2O_3 22%
	SiO_3 78%

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.

PACKAGING

THERMOSEAL® T22 Tamping Mix is available in five gallon plastic buckets and 55 gallon drums. T22 is available winterized to protect from freezing in cold climates. Do NOT allow THERMOSEAL® T22 Tamping Mix to freeze.

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