

RAMCO THERMOKOTE

HIGH TEMPERATURE INSULATING CEMENTS

THERMOKOTE “1” cements are high temperature insulating cements that are especially formulated from a blend of refractory minerals by a proprietary process.

These cements can be poured, palmed, troweled or air gunned into place and should always be applied to the full thickness specified in one application. They have exceptionally good adhesive qualities and may be applied directly to the metal surfaces or over insulated and refractory surfaces. These cements are produced in the various types as listed and are specially designed to meet the requirements of specific applications.

PHYSICAL AND MECHANICAL CHARACTERISTICS

	<u>SPECIFICATIONS</u>		<u>“K” FACTOR</u>
ASTM	C-449	MEAN TEMP.	“K”
		200°F	0.85
FEDERAL	SS-C-160 Type III, Class F	400°F	0.96
		600°F	1.05
MILITARY	MIL-C-2908A Type II MIL-I-24244		

Service Temperature	1200°F
*Coverage per 100 lbs.	30 bd. ft. (wet or dry)
*Water/Cement Ratio (By Weight)	1.1 - 1.25 (6½ - 7½ gal.)
Shrinkage	Negligible
*Density (Installed)	30-34 lbs./cu. ft.
Initial Setting	
“1-FW”	45 to 75 minutes
“1 - GP” & “1- GPF”	2½ to 3½ hours
“1-MWP” & “1-V”	2½ to 3½ hours
Corrosion (Steel)	None
(Aluminum)	Aluminum must be painted
Moisture and Water Resistance	Does not soften after firmly set
Fire Resistance	Non-combustible
Fire Hazard Classification Rating does not exceed:	
Flame Spread	25
Fuel Contributed	50
Smoke Developed	50
Surface Treatment - Water Base Paints	Any time after setting
- Oil Base Paints	Only after thoroughly dry
- Emulsion Weatherproofing	Any time after setting
- Asphalt Base Cut-Backs	Only after thoroughly dry
Packaging	45 lb. Multiwall Bags Polyethylene liner

DOES NOT CONTAIN ASBESTOS FIBERS

WARNING: DUST PARTICLES OF THIS CEMENT IN DRY FORM MAY BE HARMFUL TO YOUR HEALTH - WE RECOMMEND THE USE OF DUST RESPIRATORS.

For more information about **THERMOKOTE** products, contact

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