

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> |
|---|----------------------------|----------------------------------|-------------------|
| | | MEAN TEMP. | "K" |
| ASTM | C-449 | 200°F | 0.85 |
| | | 400°F | 0.96 |
| FEDERAL | SS-C-160 Type III, Class F | 600°F | 1.05 |
| MILITARY | MIL-C-2908A Type II | | |
| | | | |
| 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 Hazzard 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

RAMCO INSULATION, INC

Office: 417-781-8855 FAX: 417-781-9192

P.O. Box 2173, Joplin, MO 64803

www.ramcoinsulationproducts.com