Description

“Super-Stik” is a mineral fiber thermal insulating cement. It is composed of high temperature fiber pellets, blended in dry form with heat resistant binders and corrosion inhibitors. With the addition of water, a highly plastic insulating cement is formed, suitable for a wide variety of surfaces operating up to 1900°F. This unique insulating material offers high thermal performance, outstanding wet and dry adhesion and excellent coverage.

Uses

“Super-Stik” is designed for practically any form of heated equipment. It is used as a complete insulation system on flat or irregular surfaces and as a patching or repair material in general insulation and maintenance work. “Super-Stik” is highly compatible with mineral fiber block and is commonly used as a leveling material over block installations.

Application

“Super-Stik” is applied by trowel or hand directly to the surface to be insulated. The initial coat should be ½” to 1” in thickness. Once dried, additional layers may be applied to achieve the desired thickness. When insulating over large surface areas or when applying more than one layer, it is recommended that metal reinforcement, suitably fastened, be used. In many instances, “Super-Stik” may be used in patch and repair work while equipment is in operation. Weatherproofing is needed for outdoor applications.

Properties

Service Temperature ...................... to 1900°F
Dry Coverage ...................... approx. 40 BF/90 lbs.
Adhesion ...................................... excellent
Shrinkage ................................... maximum 15%
Fire Resistance .......................... incombustible
Corrosion (Steel) .......................... none
Packaging .................................. 45 lb. multi-wall kraft bags

Properties (continued)

Thermal Conductivity
200°F Mean Temperature ...................... 0.52
500°F Mean Temperature ...................... 0.74
700°F Mean Temperature ...................... 1.01

Applicable Specifications

MIL-C-2861
ASTM C-195
ASTM C-795*
NRC-RG 1.36*
MIL-I-24244*
* Special order requiring lot testing and chemical analysis for product certification.

This information is accurate and reliable to the best of our knowledge and will vary with manufacturing and testing tolerances. We have no control over installation workmanship, accessory materials or application conditions, and make no representation or expressed or implied warranty, either as to merchantability or fitness, beyond the description herein.