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MW-50 Paste

Reduces/Stops Graphite Oxidation/Burning to 1000 C

MW-50 Paste is a water-based, fiber-strengthened paste based on Alpha Silicon Carbide (SiC). MW-50 can be brushed or troweled to form thick-stucco-like, abrasion-resistant shell that protects graphite and is also non-reactive to molten nonferrous metals. MW-50 is also ideal for soft ceramic bodies, pulp-molded pieces and for repairing heavily-eroded graphite parts.

Key Attributes

- Extends Lifetime & Reduces Maintenance
- Provides a Hard, Abrasion-Resistant Layer
- Repairs Graphite Parts to "Original"
- Stops Further Oxidation, Wear, and Erosion of Graphite
- Provides Tough "Shell" for Soft Ceramic Bodies such as Pulp-Molded Pieces
- Withstands Cyclic Use
- Water-based, Ready-to-use

Ideal Use

- Repairing Badly Eroded Graphite Components
- Protecting Components from Further Oxidation, or Degradation
- For Use on Rotors, Stators, Molds, Trays
- For a Tough, Abrasion-Resistant Surface Sealant

Use Notes

1. DO NOT DILUTE.
2. For thin layers, apply by brush and allow to dry for several hours <60 C (<140 F) before placing into use.
3. For thick layers, apply by brushing, troweling, or spatulating into place. Allow to thoroughly dry below 60 C (<140 F). Thick layers require extended drying time. Place into use only after the paste has thoroughly dried throughout its thickness.
4. Hardens after thoroughly drying by heating to 300 C (572 F) or above for 30 minutes or more.



Specifications

Active Ingredient

Alpha Silicon Carbide with Ceramic Fibers

Max Use Temperature 1832 F/ 1000 C

Use Atmosphere Air [others also OK]

Fired Composition

SiC + Ceramic Fibers + Proprietary Binders

Liquid Carrier Water

Brookfield Viscosity (cps)

Thick Paste: Not determined

Specific Gravity Not determined

Color Gray

Shelf Life (months) >12

Coverage (ft²/gal) 50-200

Coating pH 2-3

H F R Ratings 1-1-0

Substrate Use Graphite

Sizes and colors

Coverguard is gray colored paste.

Standard Size: wide-mouth 1 gallon pail.

Safety Information

- Consult SDS before use.
- For Industrial use only.

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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