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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 (ft ² /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.

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