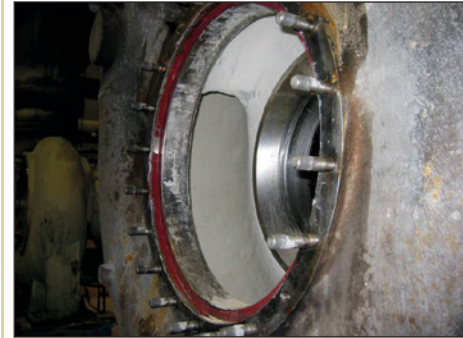


100% solids, ceramic reinforced, multi-component system, formulated for extreme sliding-wear and abrasion caused by fine particles. ARC MX2(E) industrial coating is designed to:

- Protect surfaces against both dry fine particle erosion and wet slurry abrasion
- Restore worn equipment to near original condition
- Provide a longer lasting alternative to rubber linings and ceramic wear tiles
- Resist a broad pH spectrum
- Easily apply by trowel



Application Areas

- Cyclones
- Valves
- Hopper bins
- Pulp dewatering screws
- Wear plates
- Slurry pumps
- Agitators
- Mixers
- Cleaner cones
- Pipe spools
- Pipe elbows
- Pulverizers

Packaging and Coverage

Nominal, based on a 3 mm (120 mil) thickness

- 2.5 liter kit covers 0.83 m² (8.97 ft²)
- 16 liter kit covers 5.33 m² (57.41 ft²)

Note: Components are pre-measured & pre-weighed.

Each kit includes mixing and application instructions.
2.5 liter kit includes tools.

Color: White



Features and Benefits

- **Tough, ceramic reinforced coating resists broad range of slurries**
 - Extends life of equipment exposed to fine particle wear
- **100% solids; no VOCs; no free isocyanates**
 - Enhances safe use
 - Bonds easily to prepared surfaces
 - Serves demanding applications
- **Low viscosity formulation**
 - Simplifies application
 - Lowers installed cost
 - Easily molded

| Technical Data | | | |
|--|---|--|----------------|
| Composition | Matrix | A modified epoxy resin reacted with an aliphatic amine curing agent | |
| | Reinforcement (<i>Proprietary</i>) | Blend of medium and fine particle size, high purity Al ₂ O ₃ ceramic beads and powders, pretreated with polymeric coupling agent | |
| Cured Density | | 2.4 g/cc | 150 lb/ cu.ft. |
| Compressive Strength | (ASTM D 695) | 1,025 kg/cm ² (101 MPa) | 14,600 psi |
| Flexural Strength | (ASTM D 790) | 445 kg/cm ² (43 MPa) | 6,300 psi |
| Pull-Off Adhesion | (ASTM D 4541) | > 211 kg/cm ² (> 21 MPa) | > 3,000 psi |
| Tensile Strength | (ASTM D 638) | 269 kg/cm ² (26 MPa) | 3,800 psi |
| Impact Resistance (Direct) | (ASTM D 2794) | > 18 N-m | > 160 in-lbs. |
| Shore D Durometer Hardness | (ASTM D 2240) | 89 | |
| Vertical Sag Resistance, at 21°C (70°F) and 6 mm (240 mil) | | No Sag | |
| Maximum Temperature (Dependent on service) | Wet Service | 95°C | 203°F |
| | Dry Service | 205°C | 400°F |
| Shelf life (unopened containers) | 3 years [stored between 10°C (50°F) and 32°C (90°F) in dry, covered facility] | | |