

**100% solids, ceramic reinforced, multi-component system, formulated for extreme sliding-wear and abrasion caused by fine particles. ARC MX2 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 m<sup>2</sup> (8.97 ft<sup>2</sup>)
- 16 liter kit covers 5.33 m<sup>2</sup> (57.41 ft<sup>2</sup>)

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 <sub>2</sub> O <sub>3</sub> ceramic beads and powders, pretreated with polymeric coupling agent	
Cured Density		2.4 g/cc	150 lb/ cu.ft.
Compressive Strength	(ASTM D 695)	920 kg/cm <sup>2</sup>	13,100 psi
Flexural Strength	(ASTM D 790)	530 kg/cm <sup>2</sup>	7,500 psi
Pull-Off Adhesion	(ASTM D 4541)	238.9 kg/cm <sup>2</sup> (23.5 MPa)	3,400 psi
Tensile Strength	(ASTM D 638)	290 kg/cm <sup>2</sup>	4,100 psi
Impact Resistance (Reverse)	(ASTM D 2794)	7.9 N-m	70 in-lbs.
Shore D Durometer Hardness	(ASTM D 2240)	90	
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)	2 years [stored between 10°C (50°F) and 32°C (90°F) in dry, covered facility]		