



MeCaWear A9

Ceramic Epoxy Wear Compound



DESCRIPTION

MeCaWear A9 is a high-performance, cost-effective, fast-curing epoxy based ceramic wear compound. The two-part epoxy coating incorporates a high loading of fine spherical alumina within the resin and hardener system that when reacted cures to provide a surface with outstanding wear protection.

MeCaWear A9 can be hand packed or trowelled to produce a smooth finish that is ideal for fine particulate wear applications. Build can be over 1" (25 mm) in multiple layers of 1/4" (6.3 mm) each.

MeCaWear A9 is suitable for use on both new and worn equipment components and may be top coated with MeCaWear or MeCaCorr coatings.

APPLICATIONS

- Pipe Elbows
- Ash Handling Pipe
- Slurry Pumps
- Screw Conveyors
- Ceramic Tile Repair
- Chutes
- Pulverizers
- Flue Dust
- Filter Screens

COVERAGE DATA

Theoretical coverage rate data

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
30.8 lb (14 kg)	250 mils (6.3 mm)	8.6 ft ² (0.806 m ²)

Practical Coverage = Theoretical Coverage + Waste Factor

COATING DRY FILM THICKNESS

Minimum thickness – 125 mils (3.2 mm)
Maximum thickness – unlimited

PACKAGING

5.14 L / 1.36 gal / 14.0 kg / 30.8 lb Kit

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore D] 88
Pull Off Adhesion	ASTM D4541	≥ 2,500 psi (≥ 17MPa)
Impact	ASTM D2794	125 in•lb (1.44 kg•m)

PHYSICAL DATA

Color	Red
Mix Ratio	9.7:1 by volume
Mix Ratio	26.6:1 by weight
Sag Resistance (250 mils/6.3mm)	No Sag
Working Life (200g) (77°F / 25°C)	30 minutes
Low Temperature Application	>50°F (>10°C)
Percent Solids	100%
Odor	Slight to nil
Mixed Viscosity	>500,000 mPa•s (cP)
Mixed Density	2.72 g/ml
Max. Operating Temp. - Wet Service	140°F (60°C)
Max. Operating Temp. - Dry Service	212°F (100°C)
Cure Time - Touch (77°F / 25°C)	2 hours
Cure Time - Handle (77°F / 25°C)	4 hours

Before applying this product, please refer to the Application Instructions.

YOUR RESOURCE FOR PROTECTION, REPAIR AND JOINING SOLUTIONS



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