

PRODUCT FAMILY

Epoxies &
Protective Coatings

MCT

MC-Epo Prime S.T

Polyamide Epoxy Primer

Two-pack, low-solvent polyamide epoxy primer for anticorrosive steel protection and as a tie coat over inorganic zinc-silicate primer.

Pot life @ 20°C	Specific gravity @ 25°C	Solids by volume	Packaging
4 hours	1.50 ± 0.05 g/cm ³	$60\% \pm 2$	20 kg A + 2.6 kg B or 5 kg A + 0.65 kg B

Description

MC-Epo Prime S.T is a two-pack epoxy primer with a low solvent content.

Where to use

- Anticorrosive primer for steel protection within epoxy coating systems.
- Tie coat for inorganic zinc-silicate primer.

MCT TECHNICAL DATA

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Advantages

- Good resistance to weather and climatic conditions.
- High adhesion to the substrate surface.
- Excellent corrosion resistance.

Application data

- Apply by airless spray, brush or roller.
- Pot life at 20°C: 4 hours; reduced at higher temperature.
- Thinner / cleaner: MC-Thinner 02.
- Guiding airless pressure at nozzle: 1500-2100 psi.
- Nozzle tip: 0.018-0.023 in.
- Spray angle: 40°-75°.

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Technical data

Colour	Available in a wide range of colours
Specific gravity @ 25°C	1.50 ± 0.05 g/cm ³ after mixing
Solids by volume	60% ± 2
Gloss	Semi-gloss
Flexibility	Good
Recommended dry-film thickness	50 µm
Pot life @ 20°C	4 hours; reduced at higher temperature
Thinner / cleaner	MC-Thinner 02
Packaging	20 kg A + 2.6 kg B; or 5 kg A + 0.65 kg B

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Drying time

Substrate	Surface dry	Cured	Minimum recoat
10°C	160 min	12 days	9 hours
25°C	70 min	7 days	5 hours
35°C	45 min	4 days	3 hours

Surface preparation

The surface must be free from oil and grease, clean and dry. For steel, blast clean to Sa 2½ according to the approved source. During application, substrate temperature should be at least 10°C and at least 3°C above the air dew point.

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Recommended system

- MC-Epo Prime S.T: 1 coat at 50 µm DFT.
- MC-Epo Paint H.B: 1 coat at 100 µm DFT.
- MC-Epo Paint Top Coat: 1 coat at 50 µm DFT.

Storage & handling

Keep containers tightly closed in a cool, dry place. Stir components thoroughly for 3-5 minutes before use.

Packaging

20 kg component A + 2.6 kg component B; or 5 kg component A + 0.65 kg component B.

