

PRODUCT FAMILY

Epoxies &
Protective Coatings

MCT

MC-Epo Zinc

Organic Zinc-Rich Epoxy Primer

Two-pack zinc-rich epoxy primer for protection of steel surfaces and reinforcing steel against corrosion.

Pot life @ 20°C	Specific gravity @ 25°C	Solids by volume	Zinc in dry film
3 hours	1.65 g/cm³ after mixing	80% ± 2	85% ± 2 by weight

Description

MC-Epo Zinc is a two-pack zinc-rich epoxy primer.

Where to use

- Blast-cleaned steel surfaces for protection against corrosion.
- Protection of steel reinforcement in concrete and use within MCT protective coating systems.

MCT TECHNICAL DATA

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Advantages

- High abrasion resistance.
- High resistance to corrosion.
- Resistance to severe weather conditions.
- Excellent adhesion between reinforcing steel and concrete according to the approved source.

Application data

- Application by airless spray, brush or roller.
- Guiding airless pressure: 2100 psi.
- Nozzle tip: 0.018-0.023 in.
- Spray angle: 30°-75°.
- Thinner / cleaner: MC-Thinner 02.

MCT TECHNICAL DATA

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Technical data

Colour	Dark grey
Specific gravity @ 25°C	1.65 g/cm ³ after mixing
Solids by volume	80% ± 2
Gloss	Semi-gloss
Flexibility	Good
Recommended dry-film thickness	50 µm
Total zinc in dry film	85% ± 2 by weight
Pot life @ 20°C	3 hours; reduced at higher temperature
Packaging	5 kg A + 1 kg B; or 20 kg A + 4 kg B

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Drying time

Substrate	Surface dry	Cured	Minimum recoat
10°C	6 hours	14 days	19 hours
25°C	4 hours	7 days	10 hours
35°C	3 hours	5 days	6 hours

Surface preparation

The surface must be clean and dry. Blast clean steel to Sa 2½. During application, substrate temperature should be at least 10°C and at least 3°C above the air dew point.

MCT TECHNICAL DATA

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Storage & handling

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

Packaging

5 kg component A + 1 kg component B; or 20 kg component A + 4 kg component B.

