

PRODUCT FAMILY

Epoxies &
Protective Coatings

MCT

MC-Epo Paint H.B

High Build Polyamide Epoxy Coating

Two-pack high-build polyamide epoxy coating for protection of steel surfaces.

Pot life @ 25°C	Specific gravity @ 25°C	Solids by volume	Recommended DFT
3 hours	1.55 ± 0.05 after mixing	68% ± 2	100 µm

Description

MC-Epo Paint H.B is a two-pack high-build polyamide epoxy coating for steel surfaces.

Where to use

- Protection of steel structures against extreme conditions.

MCT TECHNICAL DATA

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Where to use

- Protection of steel structures against extreme conditions.

Advantages

- Excellent corrosion protection.
- Outstanding resistance to extreme weather conditions.

MCT TECHNICAL DATA

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Technical data

Colour	Available in a wide range of colours
Specific gravity @ 25°C	1.55 ± 0.05 g/cm ³ after mixing
Solids by volume	68% ± 2
Gloss	Semi-gloss
Flexibility	Good
Recommended dry film thickness	100 µm DFT
Theoretical spreading rate	Source table indicates 150 µm WFT / 100 µm DFT / 6.8 m ² /L
Application method	Airless spray, brush or roller
Airless spray pressure	1500-1800 psi at nozzle
Nozzle tip	0.018-0.023 in
Spray angle	40°-75°
Mixing / packaging ratio	20 kg A + 2.6 kg B; 5 kg A + 0.65 kg B
Pot life @ 25°C	3 hours
Thinner / cleaner	MC-Thinner No. 02

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Drying time

Substrate	Surface dry	Cured	Recoat min.	Recoat max.
10°C	6 h	14 d	18 h	*
25°C	4 h	7 d	10 h	*
35°C	3 h	5 d	6 h	*

Application conditions

Typical values at 100 µm DFT with free air circulation. The surface should be free from contamination before the subsequent coat. During application, substrate temperature should be at least 10°C and at least 3°C above the dew point of the air.

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Surface preparation

Surface should be clean and dry. Use blast primer or blast cleaning to Sa 2½ as stated in the approved source.

Packaging

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

Storage & handling

Keep containers tightly closed in a cool, dry place. Handle with care and stir well before use for at least 3-5 minutes.

