

PRODUCT FAMILY

Epoxies &
Protective Coatings

MCT

MC-Kibo Epoxy

Coal-Tar Epoxy Protective & Waterproofing Coating

Two-component coal-tar epoxy protective coating that chemically cures to form a tenacious black film for concrete and steel surfaces.

Pot life @ 25°C	Specific gravity @ 25°C	Packaging	Shelf life
2 hours	1.40 g/cm ³	5 kg A + 0.7 kg B	12 months

Description

MC-Kibo Epoxy is a two-component epoxy coal-tar compound used as a protective and waterproofing coating that cures to form a tenacious black film.

Where to use

- Lining tanks containing oil, gasoline, aqueous solutions and dilute acids and alkalis.
- Pipes and channels carrying industrial waste and sewage.
- Steel and concrete structures fully or partly immersed in seawater.

MCT TECHNICAL DATA

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Advantages

- Provides a durable protective layer for steel, concrete and masonry.
- Resistant to chemical attack and corrosive fumes according to the approved source.
- The cured layer does not crack under hydrostatic pressure according to the approved source.
- Easy to use and generally does not require a primer according to the approved source.
- Good resistance to water media and waterproofing.

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Technical data

Colour	Black
Solids by volume	70% ± 2
Specific gravity @ 25°C	1.40 g/cm ³
Gloss	Glossy
Pot life @ 25°C	2 hours
Flexibility	Good
Mixing ratio	5 kg component A + 0.7 kg component B
Second coat	After 24 hours
Theoretical spreading rate	200-300 g/m ² per coat at 100-150 µm
Shelf life	12 months
Packaging	5 kg A + 0.7 kg B

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Surface preparation

Scrape and wire-brush the surface to remove loose scale and foreign particles.

Mixing

Thoroughly mix the correct amount of component A and component B for at least 5 minutes.

Application

Apply by brush or airless spray. Use mixed material within the pot life. The approved source calls for a minimum of two coats; the second coat may be applied 24 hours after the first.

Packaging

5 kg component A + 0.7 kg component B.

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Safety

Prevent material from entering the eyes and avoid skin contact. Provide adequate ventilation. Keep away from sparks and flames when handling solvent-containing materials or cleaning solvents.

Storage / shelf life

Shelf life is 12 months under suitable storage conditions.

Packaging

5 kg component A + 0.7 kg component B.

