

PRODUCT FAMILY

Epoxies &
Protective Coatings

MCT

MC-Epo Paint W.B

Water-Based Epoxy Coating

Solvent-free, two-component epoxy resin formulated as a water-based protective and waterproofing coating.

Consumption	Touch dry	Pot life @ 20-25°C	Specific gravity @ 25°C
200-300 g/m² per coat	8-12 hours	60 minutes	1.45 ± 0.05 g/cm³

Description

MC-Epo Paint W.B is a solvent-free, two-component epoxy resin formulated as a water-based coating.

Where to use

- Protective and waterproofing coating for cement substrates and metal surfaces.
- Food manufacturing, processing and packing plants.
- Drinking-water reservoirs.
- Water-supply and irrigation projects.

MCT TECHNICAL DATA

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Where to use

- Protective and waterproofing coating for cement substrates and metal surfaces.
- Food manufacturing, processing and packing plants.
- Drinking-water reservoirs.
- Water-supply and irrigation projects.
- Pipe and tank linings.
- Hospitals, laboratories, pharmaceutical factories and warehouses.
- Oil refineries, nuclear plants, power and pumping stations.
- Industrial structures including paper mills, assembly plants, workshops and garages.

Advantages

- Solvent-free.
- Waterproof and abrasion resistant.
- Seals hairline cracks.
- Resistant to diesel, petrol and various mild solvents.
- Hygienic and environmentally safe according to the approved source.
- Decorative coloured finish.
- Easy cleaning of coated and cured surfaces.
- Can be applied on damp surfaces.
- Source states use to limit early evaporation from fresh concrete.
- Resistant to bacteria, fungus and root growth.
- Dry-heat resistance up to 80°C.

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Technical data

Colour	Available in a wide range of colours
Specific gravity @ 25°C	1.45 ± 0.05 g/cm ³
Solids by volume	60%
Consumption	200-300 g/m ² per coat
Mixing ratio	5:1 by weight, base : curing agent
Touch dry	8-12 hours
Recoating	24 hours
Heat resistance	Dry heat up to 80°C
Shelf life	1 year under normal storage conditions
Packaging	6 kg: 5 kg base + 1 kg curing agent
Pot life @ 20-25°C	60 minutes

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Surface preparation

Degrease and clean surfaces before application. Seal and cure cracks, expansion joints and similar defects; remove loose material, cement slurry and previous coating residues by appropriate methods.

Primer coating

Use MC-Epo Paint W.B thinned by 10% thinning agent as a primer before subsequent coats.

Mixing

Mix according to the stated ratio. Prepare only the quantity that can be applied within one hour at 20-25°C.

Application

Apply by brush, roller, conventional spray or airless spray equipment.

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Safety

Prevent material from entering the eyes and avoid skin contact.

Cleaning

Clean tools and equipment with a suitable thinner.

Storage / shelf life

1 year under normal storage conditions.

Packaging

6 kg: 5 kg base + 1 kg curing agent.

