

MC-EP Primer W

Two-component water-based Epoxy primer.

- PRODUCT PROPERTIES:**
- Two-component, water-dispersed epoxy primer, environmentally friendly.
 - Excellent adhesion to concrete and cement-based substrates.
 - Reduces moisture evaporation from fresh concrete.

- AREAS OF APPLICATION:**
- Primer for Epoxy flooring systems, Polyurethane coatings, Epoxy mortars and Polymer-modified mortars.
 - Penetrating impregnation for strengthening and improving low-strength concrete and mortar substrates.
 - Curing agent for fresh concrete, particularly effective in chemically aggressive environments.
 - Formulated with chemical components suitable for applications involving intermittent water contact, prolonged inhalation exposure and frequent application.

- INSTRUCTIONS TO USE:**
- **General information:**
 - Coverage rates, application times, time to foot traffic and time to full cure depend on temperature, substrate characteristics and site conditions. Mixing of the two components must be carried out under strict supervision.
 - Avoid incomplete curing or material residues remaining on the surface.
 - **MC-EP Primer W** should not be applied during rain or temperatures are below 8°C.
 - **Substrate preparation / Mixing:** Please refer to the “General Application Advice” leaflets: “Industrial Flooring – Substrate and Substrate Preparation” and “Reactive Resins”.
 - **Priming:** Priming beneath Epoxy or Polyurethane Floor Coatings: Apply **MC-EP Primer W** by roller at 150 – 200 g/m². Final floor coatings may be applied after a minimum of 6 hours and a maximum of 24 hours at 30°C.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Mixing ratio (by weight)		4 : 1	Component A : Component B
Solid content (by weight)	%	~ 30	
Density	g/cm ³	~ 1.05	At 25°C
Working time	minutes	~ 30 – 45	Depending on temperature and humidity
Accessible after (foot traffic)	hours	~ 6 – 12	Depending on temperature and humidity
Application conditions	°C	≥ 8	Air, material and substrate temperature
	%	≤ 85	Relative humidity
	K	3	Above dew point
Minimum recoat interval	hours	12	At 25°C
Consumption	kg/m ²	~ 0.15 – 0.2	

* All specifications are based on +23°C and 50% relative humidity.

PRODUCT CHARACTERISTICS:

Cleaning agent	Water.
Colour	Transparent.
Packaging	20kg / set.
Storage	Can be stored for at least 12 months in unopened original packaging in cool (below 20°C) and dry conditions.
Disposal	Containers must be completely emptied and disposed of in accordance with local regulations.

Safety Advice: Please take notice of the safety information and advice given on the packaging labels and safety information sheet.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

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