



Mapeprimer W



**Low emitting
water-emulsified
two-component
epoxy primer.**

WHERE TO USE

Mapeprimer W can be used as a primer for epoxy and polyurethane coatings for floors and wall surfaces on public areas, in warehouses, in industries or similar applications.

Mapeprimer W is normally applied on concrete and other cement-based substrates.

TECHNICAL CHARACTERISTICS

Mapeprimer W can be used where the concrete surface is dry, and provides excellent adhesion for the subsequent coating or top coat.

Mapeprimer W is a low emitting product, and is classified according to M1.

Mapeprimer W complies with EN 13813.

APPLICATION PROCEDURE

Preparation of the substrate:

The concrete must be sound, clean and dust-free with a smooth permanent surface. Normal cleaning methods such as milling, grinding or shot blasting can be used. The substrate's surface temperature should be at least +10°C and at least +3°C above the applicable dew point during product application.

Preparation of the product

Components A and B should have a temperature of +15°C or more when mixed together. Component A is poured into component B and mixed with a drill whisk at a slow speed for approximately 3 minutes until the product is completely homogenous.

Application of the product

Mapeprimer W should be applied using a roller in one or two coats, depending on the substrate.

Waterbased primer or topcoat:

In case of a second application of **Mapeprimer W** or an application of a water based topcoat (eg **Mapecoat I 62 W**) there should be 24 hours between the applications in order to ensure the adhesion.

Solvent free primer or topcoat:

The subsequent primer or topcoat based on epoxy or polyurethane can be applied after approximately 3-5 hours when the primer is dry enough to step on and no longer appears white. In this case the maximum time before application of the primer or topcoat is 24 hours at +20°C.

Mapeprimer W should not be scattered dry sand for skidresistant coatings.

PLEASE NOTE!

If the product is applied in areas with a high concentration of CO₂, high moisture and/or temperatures less than 3 degrees above dew point, this might lead to a sticky and discoloured surface. Before any further treatment, this must be removed and the surface coated after a new layer of primer is applied.

CLEANING

Tools and equipment must be washed immediately after use with water, **Spesialtynner**, ethanol or other cleaning agent suited for epoxy. Once hardened the product may only be removed mechanically.

CONSUMPTION

Consumption is approximately 0.15 – 0.25 kg/m² per coat, depending on the temperature and the substrate's coarseness and absorption.

PACKAGING

3 kg set:
Component A = 0.67 kg and
Component B = 2.33 kg

10 kg set:
Component A = 2.2 kg and
Component B = 7.8 kg

STORAGE

Properties for use are not changed for a period of 24 months if stored between +5°C and +30°C in unopened in original packaging.

SÄKERHETSANVISNINGAR FÖR FÖRBEREDELSE OCH APPLICERING

För anvisningar angående säker hantering av våra produkter, se sista utgåvan av säkerhetsdatablad på vår hemsida www.mapei.se

PRODUCT FOR PROFESSIONAL USE

NOTE

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the technical data sheet, available from our web site www.mapei.no

RÄTTSLIGT MEDDELANDE

Innehållet i detta tekniska datablad ("TDS") får kopieras in i annat projektrelaterat dokument, men det resulterande dokumentet får ej komplettera eller ersätta kravet i TDS:en som gäller vid tidpunkten av installationen av Mapei produkten. Det senaste uppdaterade databladet finns tillgängligt på vår hemsida www.mapei.se
ALLA ÄNDRINGAR AV FORMULERINGAR ELLER KRAV SOM FINNS I ELLER HÄRRÖR FRÅN DENNA TDS MEDFÖR ATT MAPEIS ANSVAR UPPHÖR ATT GÄLLA.

All relevant references for the product are available upon request and from www.mapei.no

Mapeprimer W: low emitting water-emulsified two-component epoxy primer.
The product complies with specification in EN 13813.

TECHNICAL DATA (typical values)

PRODUCT DETAILS		Component A	Component B
Color:		transparent	white/yellow
Appearance:		liquid	liquid
Density (g/cm³):		1.12	1.03
Brookfield viscosity at +23°C (mPas):		approx. 1 275	approx. 144
APPLICATION DATA			
Color of mix:	white/yellow		
Mixing ratio:	10:35 component A: component B		
Consistency of the mix:	liquid		
Density of the mix (kg/m³):	1 048		
Brookfield viscosity of the mix (mPa•s):	approx. 200		
Application temperature range:	+10°C - 30°C		
FINAL PROPERTIES (7 days at +23°C and 50% R.H)			
Step on time:	approx. 3-5 hours		
Final setting time:	7 days		
Performance Characteristics	Test method	Requirements according to EN 13813 for synthetic resin screeds	Product performer
Bond strength:	EN 13892-8:2004	> 1.5 N/mm ²	> 4.6 N/mm ²

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