

# MAPEDECK PRIMER 200

Adhesion promoter for polyurethane systems

## WHERE TO USE

**Mapedek Primer 200** is used to create an adhesion promoting layer prior to applying polyurethane formulates.

## TECHNICAL CHARACTERISTICS

**Mapedek Primer 200** is a two-component polyurethane product in water dispersion according to a formula developed in the MAPEI R&D laboratories.

## RECOMMENDATIONS

- Do not dilute **Mapedek Primer 200** with solvent or water.
- Do not apply on surfaces with oil stains.
- Do not expose the mixed product to sources of heat.

## APPLICATION PROCEDURE

### Preparation of the bonding surface

The bonding surface must be dry and clean and have no traces of oil, grease or any other substance that could affect adhesion.

Steel surfaces must be prepared to a grade ST3 finish.

## APPLICATION

**Mapedek Primer 200** is a two-component water-based polyurethane product. The two components must be mixed together just before application. Mix component A, slowly pour component B into component A and mix with an electric mixer at low-speed to prevent entraining air into the product (300-400 revs/min.).

Apply the product within its open-time using a brush and/or roller. Keep the surrounding temperature and the temperature of the product under control; temperatures above or below +20°C will reduce or increase its open time, respectively.

## CLEANING TOOLS

Clean tools used to prepare and apply **Mapedek Primer 200** with water immediately after use. Once hardened, the product may only be removed using mechanical means.

## PACKAGING

5.5 kg canister (A+B).

## STORAGE

The product must be stored in its original packaging in a dry place at a temperature of +5°C to +35°C. Maximum 12 months.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Mapedeck Primer 200** component A may cause sensitization if it comes in contact with the skin of those predisposed. **Mapedeck Primer 200** component B is irritant for the respiratory tract and it may cause sensitization when in contact with the skin of those subjects sensitive to isocyanates.

When applying the product, wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. It is recommended to work in well-ventilated areas. In case of poor ventilation, it is recommended to wear a mask with filters.

Furthermore, **Mapedeck Primer 200** component B is dangerous for aquatic life. Do not dispose of it in the environment. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)		
PRODUCT IDENTITY		
	component A	component B
Colour:	green	transparent
Consistency:	liquid	
Density (g/cm <sup>3</sup> ):	1.035	1.07
Viscosity at +23°C (mPa·s):	N3 Ford cup 35" (A+B)	
APPLICATION DATA (at +23°C and 50% R.H.)		
Mixing ratio:	10:1	
Consistency of mix:	liquid	
Density of mix (kg/m <sup>3</sup> ):	1.04	
Workability time at +20°C:	2 hours	
Application temperature:	+5°C - +35°C	
Hardening time at +23°C and 50% R.H.: Set to foot traffic:	1 hour	

## WARNING

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 website [www.mapei.com](http://www.mapei.com)

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