

PRIMER R30

One-component, fast-drying polyurethane primer for overlays and overlaps of polyurethane-based products



WHERE TO USE

Primer R30 is a fast-drying (solvent-based) polyurethane primer developed to increase adhesion in overlays and overlaps of polyurethane products.

Primer R30 may be applied in various situations:

- Adhesion promoter on overlays and overlaps of polyurethane and polyurea-based waterproofing membranes
- Adhesion promoter on the reapplication of waterproofing membranes that have exceeded the recoat time
- Adhesion promoter on reactivating primers that have exceeded the recoat time
- Adhesion promoter for bituminous membranes

TECHNICAL CHARACTERISTICS

Primer R30 is a one-component, fast-drying, moisture-curing, polyurethane (solvent-based) primer formulated in the Mapei R&D laboratories.

RECOMMENDATIONS

- Do not dilute **Primer R30** with solvent or water.
- Do not apply **Primer R30** on substrates with rising damp or with more than 4% residual moisture.
- Do not apply **Primer R30** on dusty or crumbling substrates or on substrates with oil or grease stains or stains in general. Substrates must always be prepared as specified.
- Only apply **Primer R30** if the temperature of the substrate is at least 3°C higher than dew-point.

APPLICATION PROCEDURE

Substrate preparation

All substrates must be sound, clean, dry and free of all traces of oil, grease, old paint and any other material which could affect adhesion of the primer.

Surfaces must be prepared in order to form a slightly rough surface.

Before applying **Primer R30**, remove any traces of dust from the surface with a vacuum cleaner.

Application of primer

Apply with a roller or brush.

Always make sure that the surface is completely covered.

CLEANING TOOLS

Tools used to mix and apply the product may be cleaned with thinners before it hardens. Once hardened, it may only be removed mechanically from tools and mixers.

CONSUMPTION

Approximately 0.05-0.1 kg/m².

PACKAGING

Primer R30 is supplied in 10kg metal cans.

STORAGE

Primer R30 may be stored for 12 months if kept in its original packaging in a dry area at a temperature of +5°C to +35°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website, www.mapei.com.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY (at +23°C - 50% R.H.)

Density (ISO 1675) (g/cm ³):	1.01
Viscosity (ISO 2555) (mPa·s):	400
Dry solids content (ISO 1768) (%):	70-75
Drying time (min):	35-40
Recoat time(h):	1-24
Application temperature::	from +5°C to +35°C
Maximum room humidity (%):	approx. 80
Maximum substrate humidity (%):	approx. 4

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



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The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

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