



Primer M

**Solvent-free,
single component
primer for non-
absorbent surfaces**



WHERE TO USE

Primer M is used to improve the bonding of polyurethane sealants such as **Mapeflex PU45**, **Mapeflex PU50 SL** and **Mapeflex PU55 SL**, and adhesives such as **Ultrabond P990 1K** and **Mapegum PU 1K**, on non-absorbent surfaces, such as metals (iron, steel, aluminium, copper, zinc-plated sheets), ceramic, glass and painted sheets.

TECHNICAL CHARACTERISTICS

Primer M is a single component, ready-to-use primer which is totally solvent free. It has a base of polyurethane resins which cure quickly through the presence of humidity in the air. **Primer M** is based on a formula produced and developed in MAPEI's own Research laboratories.

RECOMMENDATIONS

- Do not apply **Primer M** if the temperature is lower than +5°C or higher than +35°C.
- Do not apply **Primer M** on wet or damp surfaces.
- **Primer M** is suitable as a primer for plastic materials.
- Avoid **Primer M** coming into contact with alcohol or solvents containing alcohol, they may have a detrimental effect on the curing of the product.
- Do not apply too much product on the surface.
- Due to the quick curing phase of **Primer M** with the

humidity present in the air, we recommend that the package is sealed immediately after use to conserve the product not used. If stored correctly, **Primer M** may be used again at a later date.

APPLICATION PROCEDURE

Preparation of the substrate

The surfaces to be treated must be clean, dry, and free of dust, oil, grease, and wax.

Application of the product

Primer M is applied by brush or roller in a thin, uniform coat. Do not apply an excess amount of the product. Any successive sealant or adhesive must only be applied once the primer is no longer sticky to the touch, after approximately 40 minutes at +23°C and 50% R.H.

Cleaning

Tools used to apply **Primer M** must be cleaned immediately with ethanol or with a special cleaning product, such as **Cleaner L**. After hardening, the product may only be removed using mechanical means.

CONSUMPTION

50-60 g/m² (10-12 g/m for joints with a depth of 1 cm).

PACKAGING

250 g cans.

STORAGE

12 months in its original packaging in a dry place, at a temperature of between +10°C and +25°C.

Primer M



| TECHNICAL DATA (typical values) | |
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| PRODUCT IDENTITY | |
| Appearance: | liquid |
| Colour: | brown |
| Density (g/cm ³): | 1.05 |
| Solids content (%): | 100 |
| Brookfield Viscosity at +23°C - 50% R.H. (mPa·s): | 70 ± 10 (Rotor 1 - 10 RPM) |
| Storage: | 12 months in its original, unopened packaging |
| Hazard classification according to EC 1999/45: | harmful. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet |
| Customs class: | 3208 90 91 |
| APPLICATION DATA (at +23°C - 50% R.H.) | |
| Recommended application temperature range: | from +5°C to +35°C |
| Dust dry (min.): | 40 ± 5 |
| Waiting time before successive sealing or bonding operations (hr): | 1 |

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Primer M is hazardous if inhaled, and may provoke an allergic reaction in those subjects sensitive to such substances. While using the products, we recommend protecting the respiratory system and the use of protective gloves and goggles. Only apply the product in well-ventilated areas. Seek medical attention in the case of giddiness or fainting. For further information, please refer to the Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

While the indications and guidelines contained in this data sheet correspond to

the company's knowledge and wide experience, they must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use this product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.

All relevant references for the product are available upon request and from www.mapei.com