# ECO PRIM T PLUS AP

**Universal acrylic primer for all absorbent and non-absorbent substrates**



## BENEFITS AND FEATURES

- Universal primer
- Easy to apply with a brush or roller
- Adhesion promoter
- Absorption regulator
- For floors and walls
- Rapid drying
- EMICODE EC1 PLUS - Very low emission of volatile organic compounds (VOC)

## WHERE TO USE

Universal acrylic primer for use over absorbent and non-absorbent substrates prior to the application of levelling compounds. It may also be used as a primer on highly absorbent substrates prior to the application of dispersion, cementitious, and silylated adhesives.

### Some application examples

- Preparation of very compact and smooth cementitious screeds and concrete floors before the application of MAPEI levelling products (see products for preparation of the substrate).
- Preparation of surfaces with well-bonded traces of cementitious or non-water-based adhesive or existing smoothing compounds before smoothing or applying adhesives.
- Preparation of surfaces made of gypsum, wood, marine plywood, chipboard, terrazzo, ceramic or natural stone before smoothing or applying adhesives.
- Bonding aid for cementitious smoothing compounds on substrates consolidated or waterproofed with **Mapeproof 1K Turbo** or **Primer MF** when the surface has not been sprinkled with sand.
- Preparation of mastic asphalt screeds (in accordance with the EN 13813 standard) before smoothing or applying cementitious adhesives.
- For priming between two applications of levelling compound when the first layer has already dried.
- Preparation of absorbent and porous surfaces before installing self-adhesive or tack-dry loose lay LVT (“Luxury Vinyl Textiles”).

## TECHNICAL CHARACTERISTICS

**Eco Prim T Plus**[AP] is an easy-to-apply, acrylic resin-based primer in water dispersion. It features excellent bonding, water and ageing resistant characteristics.
**Eco Prim T Plus**[AP] is a ready-to-use, light blue-coloured latex, easy to apply by brush or roller.
**Eco Prim T Plus**[AP] is not flammable and shows a very low emission of volatile organic compounds (EMICODE EC1 Plus). It can be stored with no particular precautions.
**Eco Prim T Plus**[AP] complies with ASTM D 1308-87 standard for the resistance to urine.

## RECOMMENDATIONS

- Apply **Eco Prim T Plus**[AP] only on internal flooring.
- Do not use **Eco Prim T Plus**[AP] on magnesium substrates; use **Mapeprim SP** instead.
- Do not use on wood-based substrates that are not moisture stable.
- Do not apply **Eco Prim T Plus**[AP] on substrates subject to rising damp.

## APPLICATION PROCEDURE

### Preparation of the substrate

Substrates must be uniformly dry, sound, free of dust, loose parts, cracks, paint, wax, oil, rust, or other products that may affect the bonding.
Local regulations must be strictly followed.
It is essential to make sure there is no rising damp.
Unbonded screeds laid onto light-weight concrete or thermal-acoustic insulating layer and screeds over bare ground must be provided with a vapour barrier to prevent rising damp.

### Application of the primer

**Eco Prim T Plus**[AP] can be applied with a brush or roller.
On cementitious substrates, **Eco Prim T Plus**[AP] is normally applied diluted 1:2 with water. It may be diluted up to 1:4 depending on the substrate absorbency.
Depending on the absorbency of the substrate, multiple applications may be necessary.
**Eco Prim T Plus**[AP] is used undiluted on existing ceramic tile, natural stone, wood, and adhesive residues (as long as they are water-resistant).
When the primer is completely dry, it is possible to apply a smoothing compound or an adhesive. Drying time varies with the absorbency of the substrate and environmental conditions (temperature and humidity). However, it is recommended not to wait more than 24 hours.
If the product is used as a bonding aid for cementitious smoothing compounds on substrates treated with an epoxy or polyurethane primer (such as **Primer MF**, **Mapeproof 1K Turbo**, or **Planiseal MR**) and the surface has not been sprinkled with sand, **Eco Prim T Plus**[AP] must be applied undiluted after drying but no longer than 24 hours after applying one of the above primers. This application is accepted in the case of smoothing compounds lower than 10 mm.

## CLEANING

While still wet, **Eco Prim T Plus**[AP] can be cleaned from floors or wall coverings, tools and clothing with water. When dry, use alcohol or **Pulicol 2000**.

## CONSUMPTION

Consumption varies from 30 to 150 g/m², depending on the porosity of the substrate and on how it is applied.

## PACKAGING

**Eco Prim T Plus**[AP] is available in 20 kg and 5 kg drums.

## STORAGE

Under normal conditions, **Eco Prim T Plus**[AP] is stable for at least 12 months in its original sealed packaging. Avoid prolonged exposure to frost.

## 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.au

PRODUCT FOR PROFESSIONAL USE.

## TECHNICAL DATA (typical values)

| PRODUCT IDENTITY | |
|---|---|
| **Consistency:** | fluid liquid |
| **Colour**: | light blue |
| **Density (g/cm³):** | 1.02 |
| **pH:** | 7.5 |
| **Dry solids content (%):** | 43 |
| **– EMICODE:** | EC1 Plus - very low emission |

| APPLICATION DATA (at +23°C - 50% R.H.) | |
|---|---|
| **Application temperature range:** | +5°C to +35°C |
| **Drying time before applying the smoothing compound or adhesive:** | |
| **• absorbent substrates (screed, concrete):** | 0-30 min |
| **• low or non-absorbent substrates (ceramc, epoxy resins):** | 30-180 min |

| FINAL PERFORMANCE DATA | |
|---|---|
| **Resistance to moisture:** | excellent |
| **Resistance to ageing:** | excellent |
| **Resistance to solvents and oils:** | fair |
| **Resistance to acids and alkalis:** | fair |
| **Resistance to temperature:** | excellent |
| **Resistance to urine:** | in compliance with ASTM D 1308-87 |

## 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.au**

## LEGAL NOTICE

***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.au***
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