

# ECO PRIM T PLUS

Universal acrylic primer for all absorbent and non-absorbent substrates



## WHERE TO USE

All-purpose primer for interiors to improve adhesion of levelling compounds on all absorbent and non-absorbent surfaces.

### Some application examples

- To prepare cementitious and gypsum based subfloors before the application of MAPEI levelling products (see products for substrate preparation).
- Preparation of surfaces with traces of cement based adhesive or old existing smoothing compounds before smoothing or applying cementitious adhesives.
- Preparation of surfaces in gypsum, anhydrite, wood, marine plywood, chipboard, terrazzo, ceramic or natural stone before smoothing or applying cementitious adhesives.
- Bonding aid for cementitious smoothing compounds on substrates when **Mapeproof ESM**, **Mapeproof One Coat** or **Mapeproof 1K Turbo** have been applied.

## TECHNICAL CHARACTERISTICS

**Eco Prim T Plus** is a solvent free, low odour, easily applied acrylic resin-based primer in water dispersion. It has excellent bonding, water and ageing resistant characteristics.

**Eco Prim T Plus** is an easily applied, ready to use light blue coloured liquid. It is applied by brush or roller.

**Eco Prim T Plus** is not flammable and shows a very low emission of volatile organic compounds (EMICODE EC1 Plus) so it is absolutely harmless to the health of the installer and the end-user. It can be stored with no particular precautions.

## RECOMMENDATIONS

- Apply **Eco Prim T Plus** only on internal flooring.
- Apply **Eco Prim T Plus** only on moisture-stable wood.
- Do not apply **Eco Prim T Plus** on substrates subject to rising damp.

## APPLICATION PROCEDURE

### Preparation of the substrate

Substrates must be uniformly dry, sound, free of dust, loose particles, cracks, paint, wax, oil, rust, traces of gypsum or other products that can interfere with bonding.

It is essential to make sure there is no rising damp present.

All subfloors must contain an effective membrane to prevent rising damp.

## APPLYING THE PRIMER

**Eco Prim T Plus** can be applied with a brush or roller. It is usually diluted 1: 2 with water when applying on cementitious or anhydrite substrates. It 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 mortar. 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 consolidated or waterproofed with **Mapeproof ESM**, **Mapeproof One Coat** or **Mapeproof 1K Turbo**, **Eco Prim T Plus** must be applied neat at least 2 hours and no more than 24 hours after applying one of the above membranes.

## CLEANING

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

## CONSUMPTION

Consumption varies from 0.10 to 0.20 kg/m<sup>2</sup>, depending on the porosity of the substrate and on how it is applied.

## PACKAGING

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

## STORAGE

Under normal conditions **Eco Prim T Plus** 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](http://www.mapei.com).

Keep out of the reach of children.

Ensure good ventilation during and after use and drying.

Do not eat, drink or smoke when using this product.

In case of contact with skin or eyes, rinse immediately with plenty of water.

Do not allow product to reach sewage system, water course or soil.

Clean tools with soap and water immediately after use.

Give only empty containers to recycling.

Dried product residues may be disposed of as domestic waste if allowed by local regulations.

Product contains: BIT and CIT/MIT (3:1).

For information for allergic people or the Technical Data Sheet, please call: +39/02/37673.1.

The product contains:

water, binder, additive, pigment, preservatives (Vdl-RL 01/June 2018).

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	light blue
Density (g/cm <sup>3</sup> ):	1.02
pH:	7.5
Dry solids content (%):	43
- EMI CODE:	EC1 Plus - very low emission
- Blauer Engel:	DE-UZ 113
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 min
• low or non-absorbent substrates (ceramic, epoxy resins):	30-60 min
• gypsum-based substrates:	
- for application of cementitious smoothing compounds:	30-60 min
- for application of gypsum smoothing compounds:	0 min
<b>FINAL PERFORMANCE DATA</b>	
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.co.uk](http://www.mapei.co.uk)

## 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.co.uk](http://www.mapei.co.uk).

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