ECO PRIM T PLUS

Universal acrylic primer for all absorbent and non-absorbent substrates



BENEFITS AND FEATURES

- Adhesion promoter
- Insulation between gypsum and concrete
- Dust fixative
- Absorption regulator
- For floors and walls
- Fast-drying

CO_2e FULLY OFFSET PRODUCTS

Residual Greenhouse Gas emissions measured throughout the life cycle of this product using Life Cycle Assessment (LCA) methodology, verified and certified with EPDs, have been offset for the year 2026 through the acquisition of carbon credits in support of forestry protection projects. For more details on emission calculations and offsetting projects, visit mapei.com.

WHERE TO USE

Universal acrylic primer for use over absorbent and non-absorbent substrates prior to the application of smoothing- and levelling compounds. It may also be used as a primer on highly absorbent or slightly dusty 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 smoothing- or levelling products (see the relevant technical data sheets).
- Preparation of surfaces with well bonded traces of adhesive or existing smoothing compounds before smoothing or levelling, or applying adhesives.
- Preparation of gypsum-based substrates, anhydrite, wooden substrates, flooring chipboards and -plywood boards, terrazzo, ceramics or natural stone before levelling or applying adhesives.
- Bonding aid for cementitious smoothing compounds on substrates consolidated or waterproofed with **EC Prim PU 1K Turbo** or **Primer MF EC Plus** when the surface has not been scattered with sand.
- Preparation of mastic asphalt screeds (in accordance with the EN 13813 standard) before smoothing or levelling, or applying cementitious adhesives.
- Dust sealer on absorbent screeds before applying MAPEI SMP/MS-based parquet adhesives.
- For priming between two applications of levelling compound when the first layer has already dried.

- Preparation of absorbent, porous and dusty surfaces before installing self-adhesive or tack-dry loose lay LVT ("Luxury Vinyl Tiles").

TECHNICAL CHARACTERISTICS

Eco Prim T Plus 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 is a ready-to-use, light blue-coloured latex, easy to apply by brush, roller or spraying device.
Eco Prim T Plus 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 complies with ASTM D 1308-87 standard for the resistance to urine.

RECOMMENDATIONS

- Do not use **Eco Prim T Plus** on exterior surfaces, only on interior flooring.
- Do not use **Eco Prim T Plus** on magnesium substrates, use instead suitable primers such as **EC Prim PU 1K**, **EC Prim PU 1K Turbo** or **Primer MF EC Plus**.
- Do not use **Eco Prim T Plus** on adhesives and levelling compound residues containing caustic sulphite. Use instead **EC Prim PU 1K**, **EC Prim PU 1K Turbo** or **Primer MF EC Plus.** Apply **Eco Prim T Plus** only on moisture-stable wood.
- Do not apply **Eco Prim T Plus** on substrates subject to rising damp.
- Ensure the primer is dry before applying the smoothing- or levelling compound, always refer to the drying time reported in the technical data sheet.
- Pores and pinholes are usually the result of insufficient, thin or over-diluted priming, low substrate temperature or a combination of all these.
- The primer should have dried sufficiently before application of a MAPEI smoothing- or levelling compound.

APPLICATION PROCEDURE

Preparation of the substrate

Substrates must comply with the specifications contained in the applicable local standards.
Substrates must be sound and have sufficient load-bearing capacity, be dry, clean, and free of all traces of dust, laitance, loose or detached parts, paints and varnishes, wax, grease, oil, rust, gypsum residues and all other pollutants that can reduce adhesion. Remains of old coverings and coatings, and other pollutants should be removed mechanically, if necessary, for example by shot blasting, milling, or grinding. Finish off by thoroughly vacuuming the substrate.
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 can be applied with a brush, roller, or spraying device.
The primer should be brushed or rolled thoroughly into the substrate. When spraying, smooth out the primer with a brush. Please note to avoid puddles from forming.
On concrete and cementitious substrates **Eco Prim T Plus** is applied diluted up to 1:4 with water, to hold the dust, to achieve sufficient adhesion and to equalize absorption in the substrate.
On anhydrite and gypsum-based substrates **Eco Prim T Plus** is applied diluted up to 1:2 with water.
Depending on the absorbency of the substrate, multiple applications may be necessary.
Eco Prim T Plus is used undiluted or diluted 1:1 with water 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- or levelling 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 **EC Prim PU 1K Turbo**, **Primer MF EC Plus** or **Mapeprimer M**) and the surface has not been scattered with sand, **Eco Prim T Plus** 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** 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 is available in 1 kg bottle (6 pc. per box), 5, 10 and 25 kg drums and 1000 kg IBC-container.

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.no**.

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: +47 22 59 13 00.
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:	1.02 g/cm³
pH:	7.5
Dry solids content:	43 %
EMICODE:	EC1 Plus - very low emission
Blauer Engel:	DE-UZ 113

APPLICATION DATA (at +23°C - 50% R.H.)	
Application temperature range:	+10°C to +30°C
Drying time before applying the smoothing- or levelling 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- or levelling compounds:	30 - 60 min.
• for application of gypsum smoothing- or levelling compounds:	0 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.no

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.no.

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

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