

ECO PRIM T PRO

Multi-purpose acrylic primer for absorbent and ceramic substrates



www.blauer-engel.de/uz113

WHERE TO USE

Multi-Purpose acrylic primer for use over absorbent and ceramic substrates prior to the application of 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 levelling products (see products for preparation of the substrate).
- Preparation of surfaces with well-bonded and moisture-resistant traces of adhesive or existing smoothing compounds before smoothing or applying adhesives.
- Preparation of surfaces made of gypsum, anhydrite, wood, marine plywood, chipboard, terrazzo, ceramic or natural stone before smoothing or applying adhesives.
- Preparation of mastic asphalt screeds (in accordance with the EN 13813 standard) before smoothing or applying cementitious adhesives.
- Dust sealer on absorbent screeds before applying with MAPEI MS 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 Textiles").

TECHNICAL CHARACTERISTICS

Eco Prim T Pro is an easy-to-apply, acrylic resin-based primer in water dispersion. It features excellent bonding, water and ageing-resistant characteristics.

Eco Prim T Pro is a ready-to-use, light blue-colored latex, easy to apply by brush or roller.

Eco Prim T Pro is not flammable and shows a very low emission of volatile organic compounds (EMICODE EC1 Plus). It can be stored with no particular precautions.

RECOMMENDATIONS

- Apply **Eco Prim T Pro** only on internal flooring.
- Do not use **Eco Prim T Pro** on magnesium substrates, use instead suitable primers such as **Eco Prim PU 1K Turbo** or **Primer MF EC Plus**.
- Apply **Eco Prim T Pro** only on moisture-stable wood.
- Do not apply **Eco Prim T Pro** on substrates subject to rising damp.
- Do not use **Eco Prim T Pro** on adhesives and levelling compound residues containing caustic sulphite. Use instead **Eco Prim PU 1K Turbo** or **Primer MF EC Plus**.

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 Pro can be applied with a brush or roller on cementitious substrates.

Eco Prim T Pro is normally applied diluted with water up to 1:2 and on anhydrite and gypsum substrates 1:1 diluted with water. 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 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. Depending on the absorbency of the substrate, multiple applications may be necessary.

Cleaning

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

CONSUMPTION

Consumption varies from 50-150 g/m², depending on the porosity of the substrate and on how it is applied.

PACKAGING

Eco Prim T Pro is available in 10 and 1 kg drums.

STORAGE

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

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Colour:	light blue
Density:	1.02 g/cm ³
pH:	8.5
Dry solids content:	21%
EMICODE:	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):	30 min
• ceramic substrates:	60 min
• gypsum-based substrates:	
- for application of cementitious smoothing compounds:	30-60 min
-for application of gypsum smoothing compounds:	30 min
Waiting time before bonding with MAPEI MS parquet adhesives:	aprox. 30-60 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

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.

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.

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

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.

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