



Eco Prim T



Solvent free acrylic primer in water dispersion with very low emission of volatile organic compounds (VOC)



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 very compact and smooth cementitious renders and concrete floors before the application of MAPEI levelling products (see products for substrate preparation).
- To prepare surfaces with traces of glue or old existing smoothing compounds before smoothing or applying cementitious adhesives.
- Preparation of surfaces in gypsum, anhydrite, wood, marine plywood chipboard, ceramic or natural stone before smoothing or applying cementitious adhesives.
- Bonding aid for cementitious smoothing compounds on substrates consolidated or waterproofed with **Mapeproof ES**M, **Mapeproof One Coat** or **Mapeproof 1K Turbo**.

TECHNICAL CHARACTERISTICS

Eco Prim T is a solvent-free, easily applied acrylic resins-based primer in water dispersion. It has excellent bonding, flexibility, water and ageing resistant characteristics.

Eco Prim T is an easily applied, ready to use white coloured liquid. It is applied by brush or roller.

Eco Prim T is not flammable and shows a very low

emission of volatile organic compounds (EMICODE EC1), 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** only on internal flooring.
- Apply **Eco Prim T** only on moisture-stable wood.
- Do not apply **Eco Prim T** on substrates subject to rising damp.

APPLICATION PROCEDURE

Preparing 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.

The regulations of each country must be strictly followed.

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

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.

APPLYING THE PRIMER

Eco Prim T can be applied with a brush or roller. It is usually diluted 1 to 2 with water when applying on

| TECHNICAL DATA (typical values) | |
|---|----------------------------|
| PRODUCT IDENTITY | |
| Consistency: | fluid liquid |
| Colour: | white |
| Density (g/cm ³): | 1.03 |
| pH: | 7.5 |
| Dry solids content (%): | 43 |
| Brookfield viscosity (mPa·s): | 1,200 (# 2 - 20 rpm) |
| EMICODE: | EC1 - very low emission |
| APPLICATION DATA (at +23°C - 50% R.H.) | |
| Application temperature range: | from +5°C to +35°C |
| Drying time: - concrete-wood: - ceramic: | 15-20 mins. 30-40 mins. |
| Waiting time before applying the adhesive or the smoothing compound over: - concrete-wood: - ceramic: | 2-3 hrs. 4-5 hrs. |
| FINAL PERFORMANCE DATA | |
| Resistance to moisture: | excellent |
| Resistance to ageing: | excellent |
| Resistance to solvents and oils: | fair |
| Resistance to acids and alkali: | fair |
| Resistance to temperature: | excellent |

cementitious or anhydrite surfaces. It is used undiluted on existing ceramic tile, natural stone, wood and adhesive residues (as long as they are water resistant).

When the adhesive 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) approximately between 2 and 5 hours.

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 membrane, such as **Mapeproof ESM, Mapeproof One Coat or Mapeproof 1K Turbo, Eco Prim T** must be applied neat at least 24 hours after and no more than 7 days after applying one of the above membranes.

Cleaning

While still wet, **Eco Prim T** 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/m², depending on the porosity of the substrate and on how it is applied.

PACKAGING

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

STORAGE

Under normal conditions **Eco Prim T** is stable for at least 12 months in its original sealed packaging.

Avoid prolonged exposure to frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Eco Prim T is not hazardous according to the regulations on the classification of mixtures. It is recommended to take the usual precautions for handling chemical products. For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

N.B.

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable for the envisaged application.

No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification.

End users should ensure that our latest product data and safety information sheets have been consulted prior to use.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gesellschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



Our Commitment To The Environment
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

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

Eco-Prim T



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(U.K.) A.G. BETA

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