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Eco Prim T



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, terrazzo, ceramic or natural stone before smoothing or applying cementitious adhesives.

TECHNICAL CHARACTERISTICS

Eco Prim T is a solvent-free, easily applied acrylic resin-based primer in water dispersion. It has excellent bonding, 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 Plus). It can be stored with no particular precautions.

Eco Prim T complies with ASTM D 1308 standard for the resistance to urine.

RECOMMENDATIONS

- Apply **Eco Prim T** only on internal flooring.
- Use **Primer EP** or **Mapeprim SP** on magnesium substrates.
- 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 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.

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 Plus - 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 h. 4-5 h.
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
Resistance to urine:	in compliance with ASTM D 1308

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 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 environmental conditions (temperature and humidity) approximately between 2 and 5 hours. However, it is recommended not to wait more than 24 hours.

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 5 and 20 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 considered as dangerous according to the current regulation regarding the classification of mixtures. It is recommended the use protective gloves and goggles and to take the usual precautions for handling chemical products.

Keep out of reach of children. Ensure good ventilation during and after application and drying. Avoid eating, drinking or smoking while processing this product. In case of contact with eyes or skin rinse immediately with plenty of water. Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/soil. Clean tools with soap and water immediately after use. Only properly emptied containers may be recycled. Dried product residues can be disposed of as normal household waste.

Product contains BIT and CIT/MIT (3:1). For information for allergic people, please call at +39/02/67373.1.

For further and complete information about the safe use of our product refer to the latest version of our Safety Data Sheet.

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 effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.



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

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



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