



# 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.

## 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.
- 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, 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 cementitious or anhydrite surfaces. It is used undiluted on existing ceramic tile, natural stone, wood and

TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTIFICATION</b>	
<b>Consistency:</b>	fluid liquid
<b>Colour:</b>	white
<b>Density (g/cm<sup>3</sup>):</b>	1.03
<b>pH:</b>	7.5
<b>Dry solids content (%):</b>	43
<b>Brookfield viscosity (mPa·s):</b>	3,000 (# 3 - 5 rpm)
<b>Storage:</b>	24 months in original sealed packaging. Protect from frost
<b>Hazard classification according to EC 1999/45:</b>	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
<b>EMICODE:</b>	EC1 - very low emission
<b>Custom class:</b>	3209 10 00
<b>APPLICATION DATA (at +23°C - 50% R.H.)</b>	
<b>Application temperature range:</b>	from +5°C to +35°C
<b>Drying time:</b> – concrete-wood: – ceramic:	15-20 mins. 30-40 mins.
<b>Waiting time before applying the adhesive or the smoothing compound over:</b> – concrete-wood: – ceramic:	2-3 hrs. 4-5 hrs.
<b>FINAL PERFORMANCE DATA</b>	
<b>Resistance to moisture:</b>	excellent
<b>Resistance to ageing:</b>	excellent
<b>Resistance to solvents and oils:</b>	fair
<b>Resistance to acids and alkali:</b>	fair
<b>Resistance to temperature:</b>	excellent

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.

#### **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**.

#### **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** is available in 20 and 5 kg drums.

#### **STORAGE**

Under normal conditions **Eco Prim T** is stable for at least 24 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. The Safety Data Sheet is available on request.

PRODUCT FOR PROFESSIONAL USE.

#### **WARNING**

*Although the technical details and recommendations contained in this 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.*



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.

**All relevant references  
for the product are available  
upon request and from  
[www.mapei.com](http://www.mapei.com)**

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