



Eco Prim T Plus



www.blauer-engel.de/uz113

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



WHERE TO USE

All-purpose primer for interior use to improve adhesion of smoothing compounds on all absorbent and non-absorbent surfaces.

Some application examples

- To prepare cementitious and gypsum based subfloors 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 ESM**, **Mapeproof One Coat** or **Mapeproof 1K Turbo**.

TECHNICAL CHARACTERISTICS

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

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

Eco Prim T Plus is not flammable and shows a very low emission of volatile organic compounds (EMICODE EC1 Plus), 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 Plus** only on internal flooring.
- Use **Mapeprim SP** on magnesium substrates.
- Apply **Eco Prim T Plus** only on moisture-stable wood.
- Do not apply **Eco Prim T Plus** 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.

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

All subfloors must contain an effective membrane to prevent rising damp.

APPLYING THE PRIMER

Eco Prim T Plus 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:	light blue
Density (g/cm ³):	1.02
pH:	7.5
Dry solids content (%):	42
<ul style="list-style-type: none"> - EMICODE: - Blauer Engel: 	EC1 Plus - very low emission RAL-UZ 113 For further and complete information refer to the Material Safety Data Sheet
APPLICATION DATA (at +23°C - 50% R.H.)	
Application temperature range:	+5°C to +35°C
Drying time: - concrete-wood: - ceramic:	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

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 consolidated or waterproofed with **Mapeproof ESM, Mapeproof One Coat or Mapeproof 1K Turbo, Eco Prim T Plus** must be applied neat at least 2 hours and no more than 24 hours after applying one of the above membranes.

Cleaning

While still wet, **Eco Prim T Plus** 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 Plus is available in 20 and 5 kg drums.

STORAGE

Under normal conditions **Eco Prim T Plus** 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 Plus is not considered as dangerous according to the current regulation regarding the classification of mixtures. We recommend to wear protective gloves and goggles and to take the usual precautions for handling chemicals.

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 further information on allergies, please call: 0121 508 6970.

For further and complete information about the safe use of our product please refer to the latest version of our 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.co.uk

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.co.uk.

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



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.co.uk



**Eco-Prim
T Plus**



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2930-11-2018 (UK)