



ECO Prim VG



Solvent free ready to use 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 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).
- Preparation of surfaces in gypsum and anhydrite, before smoothing or applying cementitious adhesives.
- Preparation of absorbent, porous and dusty surfaces before installing self-laying LVT ("Luxury Vinyl Textiles") with adhesive backing or "tack-dry" technology.

TECHNICAL CHARACTERISTICS

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

Eco Prim VG is a ready to use, white coloured liquid. It can be applied by brush or roller.

Eco Prim VG is not flammable and shows a very low emission of volatile organic compounds

(EMICODE EC1 Plus), so it is completely harmless to the health of the installer and the end-user. It can be stored with no particular precautions.

RECOMMENDATIONS

- Apply **Eco Prim VG** only on internal flooring.
- Use **Primer EP** or **Mapeprim SP** on magnesium substrates.
- Do not apply **Eco Prim VG** 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.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	light blue
Density (g/cm ³):	1.01
pH:	8.0
Dry solids content (%):	24
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:	15-20 mins.
Waiting time before applying the adhesive or the smoothing compound over: – concrete:	2-3 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

Applying the primer

Eco Prim VG is ready to use and can be applied with a brush or roller.

When the primer 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 3 hours.

However, it is recommended not to wait more than 24 hours.

Cleaning

While still wet, **Eco Prim VG** 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 VG is available in 5 and 10 kg drums.

STORAGE

Under normal conditions **Eco Prim VG** 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 VG is not considered dangerous according to the current regulation regarding the classification of mixtures.

It is recommended 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 preservative free. For information for allergic people, please call at +39/02/67373.1.

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.

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



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.



"Der Blaue Engel" is a German mark of ecological quality used to identify products which respect the environment, contractors and end users. MAPEI products carrying this logo have been tested according to strict criteria defined by the German standard RAL-UZ 113 and, because they are all solvent-free with very low emission of volatile organic compounds, also offer advantages for the environment and public wellbeing.



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
VG**



BUILDING THE FUTURE

Any reproduction of texts, photos and illustrations published here is prohibited and subject to prosecution

2931-2-2016 (GB)