

Eco Prim Grip

Multi-purpose, ready-to-use synthetic resin-based and silica aggregates bonding promoter primer in water dispersion with very low emission of volatile organic compounds (VOC) for plaster, smoothing compounds and adhesives for ceramics



WHERE TO USE

Multi-purpose, ready-to-use primer for internal and external floors and walls.

Eco Prim Grip may be used to improve the bond of all types of cement, gypsum and lime-based plasters on substrates made from concrete, brickwork, vibro-compressed concrete blocks, lightweight blocks and gypsum.

Eco Prim Grip is also suitable for improving the bond of adhesives for ceramics, smoothing and levelling compounds on non-absorbent surfaces, such as ceramic, terrazzo and natural stone floors indoor.

Some application examples

- Application of render on concrete, brickwork etc. substrates.
- Application of smoothing and levelling compounds on old internal ceramic, terrazzo and natural stone floors.
- Laying ceramic and natural stone floors directly on top of old ceramic floors.

TECHNICAL CHARACTERISTICS

Eco Prim Grip is a solvent-free primer composed of synthetic resin in water dispersion and selected inert materials with excellent bond strength, resistance to water and ageing. It guarantees a rough keying surface ideal for render, smoothing and levelling compounds, thus ensuring an excellent bond on smooth substrates and substrates with low

absorbency, reducing and evening out absorption of water of absorbent surfaces. Once dry, it guarantees a tough bond of any cementitious mix on various types of substrate: concrete, lightweight cellular cement blocks, bricks, stone, plasterboard, wood, ceramic, metal, render, gypsum, etc.

Eco Prim Grip is a ready-to-use grey latex which is easy to apply using either a roller or a brush.

Eco Prim Grip is non-flammable and has an extremely low emission level of volatile organic compounds (VOC). Therefore, the product is considered non-hazardous for those who use the product and final users of the environments where it is applied. It may also be stored without taking particular precautions.

RECOMMENDATIONS

- Apply at temperatures between +5°C and +35°C.
- Do not use **Eco Prim Grip** in the presence of rising damp.
- **Eco Prim Grip** is ready-to-use, no dilution is required.

APPLICATION PROCEDURE

Preparation of the substrate

Substrates must be clean, dry, well-cured and free from oil, grease, cement laitance and loose parts. There is no need to wet the surface before applying **Eco Prim Grip**.

Eco Prim Grip



Application of Eco Prim Grip on concrete by roller



Application of Eco Prim Grip on concrete by brush



Application of render on Eco Prim Grip

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	creamy liquid
Colour:	grey
Density (g/cm³):	1.51
pH:	8.5
Dry solids content (%):	72
Brookfield Viscosity (mPa-s):	3,000 (# 4 - rpm 20)
Storage:	24 months in its original packaging. Protect from frost
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
EMICODE:	EC1 - extremely low emission level
Customs class:	3209 10 00

APPLICATION DATA (at +23°C - 50% R.H.)

Application temperature range:	from +5°C to +35°C
Waiting time before applying render:	15-20 minutes (dependant on substrate's temperature and porosity)
Waiting time before applying smoothing compound:	30 minutes (dependant on substrate's temperature and porosity)

FINAL PERFORMANCE

Resistance to humidity:	excellent
Resistance to ageing:	excellent
Resistance to solvents and oils:	fair
Resistance to acids and alkalis:	fair
Resistance to temperatures:	excellent

Application

Eco Prim Grip may be applied to the substrate with either a roller or by brush or roller. The render or smoothing and levelling compound may be applied once

Eco Prim Grip is dry. The minimum waiting time is from 15 to 60 minutes according to the surrounding conditions and the absorption of the substrate. It's possible to apply a second coat of **Eco Prim Grip** from the application of the first coat after a long time.

Cleaning

While still fresh, **Eco Prim Grip** may be removed easily from floors, walls and tools with water. Once dry, it must be removed with alcohol or **Pulicol**.

CONSUMPTION

Consumption varies between 0.20 and 0.30 kg/m² according to the absorption of the substrate.

PACKAGING

Eco Prim Grip is available in 5 and 10 kg drums.

STORAGE

Eco Prim Grip remains stable for at least 24 months under normal conditions in its original, sealed packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Eco Prim Grip is not considered a hazardous substance according to current norms and guidelines regarding the classification of preparations. However,

we recommend taking the usual precautions for handling chemical products. The Safety Data Sheet is available upon request for professional users.

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.



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
More than 150 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



Application of **Eco Prim Grip** by roller on existing terrazzo flooring



Application of **Eco Prim Grip** by roller on existing porcelain tiles



Application of **Ultraplan** self-levelling smoothing compound on dry **Eco Prim Grip** on old floor

**Eco Prim
Grip**



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