PRIMER GRIP WHITE

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





GEV-EMICODE EC 1 PLUS very low emission

WHERE TO USE

Multi-purpose ready-to-use primer for internal floors and walls.
Primer Grip White is used to improve adhesion of ceramic tile adhesives and decorative cementitious skimming mortars from the **Ultratop Loft** range on concrete, brickwork, vibro-compressed concrete blocks, lightweight blocks and gypsum blocks and to all types of cementitious, gypsum and lime-based plaster, render and skimming compounds.
Primer Grip White is also suitable for improving adhesion of smoothing and levelling compounds and adhesives for ceramic tiles on non-absorbent surfaces such as ceramic, terrazzo tiles and natural stone floors.

Some application examples

· Application of plasters on concrete, brickwork etc.
· Application of smoothing and levelling compounds on old ceramic, terrazzo tiles and natural stone floors.
· Application of decorative cementitious coatings from the **Ultratop Loft** range.
· Laying ceramic and natural stone floors directly on top of old ceramic floors.

TECHNICAL CHARACTERISTICS

Primer Grip White is a solvent-free primer made from synthetic resin and silica aggregates in water dispersion with excellent adhesion properties and excellent resistance to water and ageing. Thanks to the silica aggregates contained in **Primer Grip White**, it also forms a rough keying surface ideal for plasters renders and for the smoothing and levelling compounds from the **Ultratop Loft** range, thereby ensuring excellent adhesion on smooth and low-absorbency substrates and reducing and evening out water absorption of absorbent surfaces. Once dry the primer guarantees a tough bond for render, plaster compounds on various types of substrate: concrete, lightweight cellular cement blocks, bricks, stone, plasterboard, wood, ceramic, metal, render, gypsum, etc.
Primer Grip White is a white, ready-to-use latex product which is easy to apply with a roller or brush.
Primer Grip White is non-flammable and has a very low content of volatile organic compounds (VOC). This product, therefore, is not considered a health hazard either for those who use the product or for final users of the rooms and areas where it is applied. It may also be stored without taking any particular precautions.

RECOMMENDATIONS

· Apply at a temperature of +5°C to +35°C.
· Do not use **Primer Grip White** in areas with rising damp.
· **Primer Grip White** is supplied ready-to-use so does not need to be diluted.

APPLICATION PROCEDURE

MAPEI

Substrate preparation

Substrates must be clean, dry, well-cured and free of oil and grease stains, cement laitance and loose parts.
There is no need to wet the surface before applying **Primer Grip White**.
When installing **Ultratop Loft** on absorbent substrates, apply a coat of **Primer LT** diluted 1:1 in water or 1:2 in weight before applying **Primer Grip White**. **Primer Grip White** may then be applied once the **Primer LT** is completely dry.

Application

Apply **Primer Grip White** on the substrate with a roller or brush. Plaster, render and smoothing and levelling compound may be applied once **Primer Grip White** has dried off. The minumum waiting time after application is from 30 to 60 minutes, depending on the surrounding conditions and absorbency of the substrate. When applied on non-absorbent substrates the minimum waiting time is 2-3 hours, again depending on surrounding conditions.
A second coat of **Primer Grip White** may be applied on top of the first coat even after a long time.

CLEANING

Primer Grip White is easy to remove from tools and floor and wall coverings while still wet. Once dry it must be removed with alcohol.

CONSUMPTION

Consumption varies between 0.20 and 0.30 kg/m^2, depending on the absorbency of the substrate.

PACKAGING

Primer Grip White is available in 10 kg drums.

STORAGE

12 months in a cool, dry area in its original, sealed packaging at a temperature of +5°C to +30°C. Protect from freezing weather.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Primer Grip White is not considered hazardous according to current norms and guidelines regarding the classification of mixtures.
It is recommended to use protective gloves and goggles and to take the usual precautions for handling chemicals.
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.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	creamy liquid
Colour:	white
Density (g/cm^3):	1.48
pH:	8.0
Dry solids content (%):	70
Brookfield viscosity (mPa·s):	3,000 (# 3 - 20 rpm)
EMICODE:	EC1 Plus - very low emission

APPLICATION DATA (at +23°C and 50% R.H.)	
Application temperature:	+5°C to +35°C
Waiting time before applying plaster/render:	30-60 mins. (depending on the temperature and porosity of the substrate)
Waiting time before applying smoothing compound or Ultratop Loft:	30 mins. (depending on the temperature and porosity of the substrate)
FINAL PERFORMANCE	
Resistance to humidity:	excellent
Resistance to ageing:	excellent
Resistance to solvents and oils:	moderate
Resistance to acids and alkalis:	moderate
Resistance to temperatures:	excellent

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.

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