



Primer G



schadstoffgeprüft
emissionsgeprüft
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Synthetic-resin-based water-dispersion primer with very low volatile organic compound (VOC)

G



WHERE TO USE

- For treating gypsum surfaces prior to laying ceramic tiles.
- As a bond coat for gypsum-based sprayable renders.
- To improve the bonding of smoothing compounds on cement, gypsum, asphalt, ceramic and marble surfaces.
- To even the absorption of cement or gypsum surfaces.

Some application examples

- Preparing cement-based surfaces to be smoothed with self-levelling or thixotropic smoothing compounds.
- Between smoothing layers when the first coat is perfectly dry.
- On gypsum renders prior to smoothing with cementitious products.
- On anhydrite surfaces prior to applying cement based products.
- On cementitious renders prior to smoothing with gypsum based products.
- On gypsum walls as a fixative for wallpaper adhesives.

- Before installing ceramic tiles with cementitious adhesives on:
 - gypsum renders and sprayed gypsum;
 - prefabricated gypsum panels;
 - fibrous-gypsum panels;
 - anhydrite screeds.
- Treating gypsum walls, chipboard, cement fiber boards, foamed concrete, renders etc. prior to papering or painting.

TECHNICAL CHARACTERISTICS

Primer G is a water dispersion of a special synthetic resins which, once applied to any surface, dries to form a flexible, compact, shiny film. This film protects porous substrates from damp penetration, consolidates their surfaces and improves the adhesion of paint, adhesive for wall paper, adhesive for tiles and mortar for renders. The film of **Primer G** on the surface of gypsum prevents any chemical reaction between sulphates and the cement alluminates of the tile adhesives which, in the presence of moisture, leads to the formation of a salt named “ettringite” which is the cause of tiles breaking away from gypsum substrate. **Primer G** makes wallpaper stripping far easier and decreases the amount of glue used for paperhanging. When used before applying sprayable plasters, **Primer G** prevents over-rapid absorption of water by the substrate, prolongs finishing time and prevents shrinkage cracks.



Primer G



Use as a primer for gypsum plasters



Checking plaster humidity



Applying Primer G with a roller

TECHNICAL DATA (typical values)

PRODUCT IDENTIFICATION

Consistency:	thin liquid
Colour:	light blue
Specific gravity (g/cm³):	1.01
pH:	8
Dry solid content (%):	18
Brookfield viscosity (rotor 1 - speed 100) (mPa·s):	20
Storage:	24 months in original packing. Protect from frost
Hazard classification according to EEC 88/379:	none
Customs class:	3903 90 00

APPLICATION DATA at +23°C - 50% R.H.

Application temperature range:	from +5°C to +35°C
Minimum drying time:	2 hours

FINAL PERFORMANCES

Resistance to moisture:	good
Resistance to ageing:	excellent
Resistance to solvents and oils:	fair
Resistance to acids and alkalis:	fair
Flexibility:	yes

When used before self-levelling underlayments, **Primer G** reduces the formation of bubbles and prevents over-rapid drying.

Primer G is not inflammable and can therefore also be used in closed, unventilated environments without any precautions having to be taken.

RECOMMENDATIONS

- **Primer G** does not waterproof gypsum substrate even though it considerably reduces their porosity and absorption.
- Do not apply onto magnesian substrates.
- **Primer G** is not recommended for external applications or where rising damp is present.
- Do not apply **Primer G** in such a quantity that it forms a surface film; dilute with water as appropriate for the absorption of the substrate.

APPLICATION PROCEDURE

Preparing the substrate

The substrate must be clean and dry and free from oils, grease, residual paint and other loose material.

In each case, the manufacturer's recommendations for the gypsum-plaster must be followed, particularly as far as moisture content and level of surface finishing are concerned.

Cracks in the concrete surfaces must be repaired with **Eporip** or **Epojet**.

Anhydrite surfaces must preliminarily be sand papered.

Application

a) As a treatment for ceramic tiles installed on gypsum.

Stir the **Primer G** just before use, spread it uniformly on the surface with a flat brush without diluting it. If the gypsum render surface is especially flat and glossy, it is recommended to sand paper it beforehand. Once it has dried apply the tiles.

b) As an anchoring for gypsum renders.

Dilute **Primer G** 1:2 with water and stir well; spread the mix on the surface with a flat brush or spray pump. Apply the sprayable gypsum as soon as **Primer G** is dry.

c) As a primer before applying self-levelling compounds and thixotropic smoothing compounds from the MAPEI range on:

cementitious substrate: dilute **Primer G** 1:1 or 1:3 with water (depending on the absorption of the substrate);
gypsum based substrate: use **Primer G** as it is;
ceramic, marble and non absorbent

substrates: dilute **Primer G** 1:1 with water.

d) As a primer for wallpaper adhesives: dilute **Primer G** 1:3 with water.

e) As a primer between smoothing layers: dilute **Primer G** 1:3 with water.

Cleaning

Tools and containers should be washed at once with clean water. Any remaining residues once dry have to be removed mechanically or with **Pulicol**.

CONSUMPTION

The consumption of **Primer G** depends on the porosity and absorption of the surface. Normal consumption is between 100 and 200 g/m².

PACKAGING

Primer G is available in 25 - 10 and 5 kg plastic drums and in 1 kg packs.

STORAGE

Primer G, in its original packaging, can be stored 24 months. Protect from frost.

FOR PROFESSIONALS.

WARNING

Although the technical details and recommendations contained in this product report 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 applications; 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.



The trademark identifies Mapei products that are solvent free and with low emissions of volatile organic compounds (VOC) tested and certified by qualified institutes (e.g. German TFI, American CRI).



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The trademark identifies the products certified by the TFI German Institute that have very low volatile organic compound, have passed toxicity tests and periodically undergo market checks.

**All relevant references
of the product are available
upon request**



BUILDING THE FUTURE

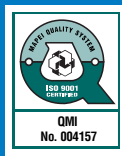
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