

CapaGrund Universal

Special primer, based on SolSilan technology, for dispersion-, silicone resin-, dispersion-silicate- and polymer resin based coatings.

Product Description

Field of Application:

White pigmented, highly water vapour permeable special primer for covering priming coats before applying dispersion-, silicone resin- and dispersion-silicate-based paints on exterior and interior mineral substrates and on existing synthetic resin-bound renders/plasters and thermal insulation composite systems (ETICS/EWI systems). Also suitable as a priming coat for solvent-based polymer resin paints. Due to SolSilan technology CapaGrund Universal is highly water-repellent and reduces the risk of calcareous efflorescence in case of coloured finishing coats. CapaGrund Universal is specially approved as a grip and adhesion promoting priming coat and facilitates the following application and texturing of synthetic resin-bound (organic) renders/plasters enormously.

Properties:

Ready for use, water-thinnable (dilutable with tap water), ecologically compatible, low odour, promotes adhesion. Forms a suitable layer for subsequently applied dispersion-silicate-based paints. Highly diffusion-capable, $s_d \text{ H}_2\text{O}$ 0.06 m to DIN EN 1062. Low water permeability, w-value 0.05 [$\text{kg}/(\text{m}^2 \cdot \text{h}^{0.5})$] to DIN EN 1062. Tinting may cause variations.

Vehicle:

Silicone modified synthetic dispersion.

Density:

Approx. 1.4 g/cm³

Packaging

German Standard product:
5 litres and 12.5 litres

CapaGrund Universal Airfix:
25 litres

Colour:

White.

CapaGrund Universal can be tinted max. 25 % with CaparolColor or Amphibolin colourants */ full-tone and tinting paints.

CapaGrund Universal can be tinted via the ColorExpress tinting machine system in shades of all current colour collections up to a luminosity of approx. 70.

For intensive colours the white primer is approximately tinted to match the finishing coat in shade. This material is suitable as a priming coat for the respective brilliant, intensive colour of the desired finishing coat.

Please Note

(Status as at September 2008):

Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water. In case of spray application: Do not breathe spray dust. Do not empty into drains, water courses or onto the ground. Further information: See Material Safety Data Sheets.

* Amer. term: colorants

Storage:

Cool, but frost-free.

Disposal:

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.

Product Code Paints and Enamels:

M-GP01

Substances of Content - Declaration:

Acrylic resin dispersion, titanium dioxide, silicates, water, additives, preservatives.

Supplementary Product:

Caparol Trocknungsbeschleuniger / Drying Accelerator

Additive for the application of CapaGrund Universal at low temperatures: + 1 °C up to + 10 °C; accelerates the rain resistance (see product label).



Application

Preparation of Substrates:

The substrates must be sound, dry, clean, and free from all materials that may prevent good adhesion.
In Germany: Follow VOB, part C, DIN 18 363, paragraph 3.

See Technical Information No. 650 for suitability of the primer on different substrates and their special treatment.

Application:

CapaGrund Universal is usually employed undiluted, but can be adjusted to working consistency up to 3% with tap (potable) water.

Consumption:

Approx. 150 – 200 ml/m² on smooth surfaces. On rough-textured substrates correspondingly more.
The exact rate of consumption is best established by a trial coating on site.

Methods of Application / Suitable Tools:

Brush, roller or spray application.

Airless application:

Spray angle: 50°
Nozzle size: 0.019" – 0.021"
Spray gun pressure: 150 – 180 bar
Stir up and sieve the material thoroughly before spray application.

Clean tools immediately after use with water.

Compatibility with other Paint Materials:

Do not mix with any other materials except CaparolColor or Amphibolin colourants in order to preserve the specific properties.

Thinning:

Only to be diluted with tap (potable) water.

Minimum Temperature for Application and Drying:

+5 °C for material, substrate and ambient air.

Drying Time:

At +20 °C and 65% relative humidity recoatable after approx. 12 hours. Lower temperatures and higher humidity extend the drying time.

Note:


Do not apply on horizontal surfaces exposed to rain or moisture.

Advice

Technical Assistance

As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.

Customer Service Centre:

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All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This Technical Information is a translation of our German Technical Information No. 657 CapaGrund Universal - issued: May 2008

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