

CapaSol LF

Solvent-free, water-thinnable, special primer for interior and exterior use.

Product Description

Field of Application:

Ready for use, unpigmented, acrylic-based special primer for exterior and interior use. Penetrates deeply into the substrate and equalises the absorbency of highly or irregularly absorbent, solid mineral substrates.

CapaSol LF is excellently suitable for the treatment of porous, absorbent substrates, e.g. renders/plasters, gypsum building boards, non-burnt bricks, AAC (autoclaved aerated concrete, interior surfaces), and fair-faced sandlime brick masonry.

Prime smooth, compact surfaces, e.g. lime plasters or gypsum building boards with Caparol-Tiefgrund TB or Caparol-Haftgrund / Caparol Primer Interior.

Properties:

Ready for use, low odour, deeply penetrating into substrates, easy to apply, solidifies the substrate.

Vehicle:

Modified aqueous synthetic resin dispersion.

Density:

Approx. 1.0 g/cm³

Please Note (Status as at November 2007):

Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water. If spray-applied: Do not breathe spray dust. Do not empty into drains, water courses and onto the ground.

Further information: See Material Safety Data Sheets.

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 packaging should be given for recycling. Dispose of liquid material residues as disposal of water-based paint waste, packaging with remnants of dried paint as disposal of hardened paint waste or via domestic waste.

Product Code Paints & Enamels:

M-GF01

Substances of Content - Declaration:

Acrylic resin dispersion, water, additives, preservative agents.

Packaging:

10 lit. and 25 lit.



Application

Substrate Preparation:

The substrates must be clean, sound, dry, 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 CapaSol LF on different substrates and their special treatment.

Application:

Apply undiluted CapaSol LF to the saturation point of the substrate. Apply very intensively by brush, wet-on-wet, if necessary.

On highly absorbent substrates CapaSol LF may be diluted up to a max. of 10 % with tap (potable) water.

Roller or spray application is possible, when a normal priming coat is sufficient as an adhesion promoting coat prior to the application of paintwork.

The priming material must not form a glossy film on the surface.

Clean tools immediately after use with water.

Consumption:

Approx. 150 to 200 ml/m² depending on the application method and absorbency of the substrate.

The exact rate of consumption is best established by a trial coating.

Suitable Tools:

Generously and intensively brush application is recommended to achieve the best solidifying effect.

Roller or spray application with high-pressure spraying equipment are less efficient, but airless application is possible.

Airless application:

Spray angle: 20° to 50°
Nozzle size: 0.015"
Spray pressure: 60 bar

Thinning:

Thin/dilute the material with tap (potable) water, if necessary.

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 extend the drying time.

Please Note:

Do not apply CapaSol LF 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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International Distribution:

Please see www.caparol.com

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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 document is a translation of our German Technical Information No. 654 CapaSol LF, issued: April 2007

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