

Capaplex

Water-dilutable, special primer for exterior and interior use.
Also suitable as wallpaper protective coating in interiors.



Product Description

Field of Application

Water-dilutable, transparent (colourless) emulsion primer for equalizing solid substrates with high or uneven absorbency.
The primer is particularly suitable for use on AAC (autoclaved aerated concrete) / cellular concrete. Priming with Capaplex has also a noticeably extending effect on the drying process (open time) of subsequently applied coatings of synthetic plastic paint. Also suitable as wash-resistant, transparent, non-yellowing coating for wallpapers.

Material Properties

- Weatherproof.
- Water-dilutable.
- Ecologically compatible, low odour.
- Solidifies the substrate.
- Transparent after drying.
- Non-yellowing.

Material Base / Vehicle

Modified aqueous (water based) synthetic resin dispersion/emulsion.

Packaging/Package Size

1 litre, 5 litres and 10 litres

Storage

Keep in a cool, but frost-free place.

Technical Data

- Density: Approx. 1.0 g/cm³

Suitability according to
Technical Information No. 606
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	+	+	+
(-) inapplicable / (○) of limited suitability / (+) suitable				

Application

Suitable Substrates

The substrates must be sound/stable, dry, clean, and free from all substances that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, section 3.

Substrate Preparation

See Technical Information No. 650 "Substrates and their Preparation" for suitability of the product on various substrates and their special pre-treatment.

Thinning

Dilute with tap (potable) water only.

Surface Coating System

On substrates with normal absorbency apply Capaplex diluted with 1 - 2 parts of tap (potable) water.
On highly absorbent substrates apply Capaplex diluted with 3 - 4 parts of tap water (two applications, if necessary).
On uncoated AAC (autoclaved aerated concrete) apply Capaplex diluted with 3 parts of tap water.



	<p>To achieve silk-matt coatings or as wallpaper protective coating in interiors, dilute Capaplex with 1 - 2 parts of tap water. For matt coatings dilute with 4 parts of tap water and for satin-finished coatings apply Capaplex without dilution.</p> <p>Improve glue-bound distemper (limewater colour/paint) with approx. 5 % of Capaplex.</p> <p>In individual cases a partial dissolution of colour prints may occur on some types of wallpapers. Hence, the compatibility must always be tested by a previously applied trial coat.</p>
Consumption	Approx. 50 - 200 ml/m ² depending on dilution, absorbency of the substrate and substrate condition. Determine the exact amount of material required and degree of dilution by coating a test area on site.
Application Conditions	Lower Temperature Limit for Application and Drying: +5 °C for product, substrate and ambient air.
Drying/Drying Time	At +20 °C and 65 % relative humidity recoatable after approx. 12 hours. Lower temperatures extend the drying time.
Tools	Applicable with paint brush, roller or airless spraying equipment. Airless application: Spray angle: 60° Nozzle size: 0.029" Spraying pressure: 50 bar
Tool Cleaning	Clean tools/equipment immediately after use with water.
Note	Do not apply on horizontal surfaces exposed to rain or moisture. Compatibility with other Paint Products: Compatible with all Caparol emulsion paints.

Advice

Please Note (Status as at Date of Publication)	<p>Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not breathe spray dust.</p> <p>Further information: See Material Safety Data Sheet (MSDS).</p> <p>Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.</p> <p>In Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).</p>
Disposal	<p>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.</p> <p>In Germany: Only completely empty containers must be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.</p>
EU limit value for the VOC content	of this product (category A/h): max. 30 g/l (2010). This product contains max. 5 g/l VOC.
Product Code Paints and Enamels	M-GF01 (Germany)
Substances of Content - Declaration	Polyvinyl acetate-dispersion/emulsion, water, film forming agent, additives, preservatives (Methylisothiazolinone, Benzisothiazolinone).
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	<p>Tel.: +49 06154- 71 7 1710 Fax: +49 05154- 71 7 1711 e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see www.caparol.com</p>

Technical Information No.656 - Issue: July 2016

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.656 · Capaplex · Issued: November 2013