

AcrylFassadenfarbe

For weather-resistant coatings on mineral Exterior surfaces.



Product Description

Field of Application

Weather-resistant, environmentally friendly emulsion paint for facades, for white and colored coatings.

Material Properties

- Environmentally friendly
- Water-thinnable
- Easy applicable
- Weather-resistant
- Water resistant - Class 1 according to DIN EN 1062
- High vapor diffusion - Class 1 according to DIN EN 1062
- Good covering power - Class 3 according to DIN EN 13300

Material Base / Vehicle

Acrylic resin dispersion

Packaging/Package Size

2.5 l, 10 l

Colors

White

AcrylFassadenfarbe is tintable with CaparolColor or AmphiColor® colorants. If more than one bucket is manually tinted, all products must be thoroughly mixed before use to avoid color differences.

AcrylFassadenfarbe can be tinted via the ColorExpress tinting & mixing machine system according to all current color collections. Check tinted products before applying them to avoid color differences.

Gloss Level

Matt

Storage

Keep in a cool, but frost-free place.

Technical Data

- Density: 1,55 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 substrate must be clean, sound/stable, dry, and free from all substances that may prevent good adhesion.

Substrate Preparation

New and existing, intact external thermal insulation composite systems with surfaces made of synthetic resin, silicone resin, lime-cement render/ solid mortar class according to DIN EN 998-1 class CS II 1.5 - 5.0 N/mm²:

Old renders can be wet cleaned using a suitable method. When cleaning, use pressure water jets with a max. temperature of 60 °C and a max. pressure of 60 bar. Allow sufficient drying time after cleaning. Apply a coat of Muresko according to the existing finishing render in accordance with the following substrate specifications.

Finish renders according to DIN EN 998-1 class CS II 1.5 - 5.0 N/mm²:

New renders are to be applied after sufficient standing time, usually after 2 weeks, at approx. 20 °C and 65 % rel. Humidity, they can be coated. In case of unfavourable weather conditions, e.g. influenced by wind or rain, significantly longer standing times must be observed. By applying an additional priming coat of CapaGrund Universal reduces the risk of lime efflorescence with alkaline finishing renders, so that coating can be applied after a standing time of only 7 days.

Old mineral paints and renders:

Clean firmly adhering coatings mechanically or by pressure water jetting in compliance with the Clean adherent coatings mechanically or by pressure water jetting. Remove non-sticking, weathered coatings by scraping, sanding, scraping. Prime with Dupa-Putzfestiger.

Aerated concrete with sound old coating:

Clean intact surfaces. Apply one priming coat of CapaGrund Universal. For non-intact aerated concrete coatings refer to the "Caparol-Bautenschutz-Programm" (Caparol Building Protection Programme).

Concrete:

Clean concrete surfaces with dirt deposits or floury grain layer mechanically or by pressure water jetting, observing the legal regulations. Prime slightly absorbent or smooth surfaces with CapaGrund Universal. Prime coarsely porous, slightly sanding or absorbent surfaces with OptiSilan TiefGrund. Prime chalky surfaces with Dupa-Putzfestiger.

Cement-bonded chipboard:

Due to the high alkalinity of cement-bonded wood chipboards, a priming coat of Disbon 481 EP-Uniprimer must be applied to prevent lime efflorescence.

Old coatings with the following properties:

Weakly absorbent, solid, dry, load-bearing: See coating build-up. Medium absorbency: CapaGrund Universal diluted with max. 3% water. Highly absorbent: OptiSilan TiefGrund or Dupa-Putzfestiger.

Glossy and water-repellent (hydrophobic) surfaces:

Mechanically roughen. Prime with CapaGrund Universal. If water beading is still present after mechanical roughening, we recommend priming with Dupa-Haftgrund.

Load-bearing synthetic resin or silicone resin render coatings:

Clean old renders with a suitable method. In case of wet cleaning, allow the surfaces to dry thoroughly before further treatment.

Non-supporting, mineral coatings:

Remove completely by sanding, brushing, scraping, pressure water jetting in compliance with legal regulations or other suitable measures. In case of wet cleaning, allow the surfaces to dry thoroughly before further treatment. Prime with Dupa-Putzfestiger.

Non-supporting dispersion paint or synthetic resin render coatings:

Remove completely by suitable methods, e.g. mechanically or by stripping and subsequent cleaning by pressure water jetting, observing the legal regulations. Prime slightly absorbent or smooth surfaces with CapaGrund Universal. Prime chalky, sanding, absorbent surfaces with Dupa-Putzfestiger.

Surfaces soiled by industrial fumes or soot:

Coat with the water-free facade paint Duparol.

Cracked render or concrete surfaces:

Depending on the crack class, coat with Cap-elast-System, FibroSil or PermaSilan.

Surfaces with salt efflorescence:

Remove salt efflorescence dry by brushing. Apply one priming coat of Dupa-Putzfestiger. When coating surfaces with salt efflorescence, no guarantee can be given for the permanent adhesion of the coating or the elimination of the salt efflorescence.

Technical Information N.2701

Method of Application	Apply with paint brush, roller and spraying equipment.
Surface Coating System	Airless Application: Spray angle: 50°; Nozzle size: 0.017" - 0.019"; Spray pressure: 180 - 200 bar. Stir and sieve well before applying. Clean tools/equipment immediately after use with water.
Coating System	Priming: CapaSol RapidGrund, OptiSilan TiefgGrund, PutzGrund 610, Sylitol Konzentrat 111. Intermediate Coat: AcrylFassadenfarbe,, diluted to a max. of 10 % with tap (potable) water. Finishing Coat: AcrylFassadenfarbe, diluted to a max. of 5 - 10% with tap (potable) water.
Consumption	Approx. 150ml/m² per coat on smooth substrates. On roughly textured surfaces correspondingly more. Determine the exact amount of material required by coating a test area on site.
Application Conditions	Low Temperature Limit for Application and Drying: +5 °C for product, substrate and ambient air.
Drying/Drying Time	At 20 °C and 65 % relative humidity surface-dry and recoatable after 4-6 hours. Cured and ready for stress after approx. 3 days. Lower temperatures and higher humidity extend the drying time.
Note	<p>To avoid lapping, the material should be applied wet-on-wet and without interruption. When using Caparol Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided during application and drying. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas. Touching up surfaces is depending on many parameters and may be visible after drying. Germany: See BFS-Merkblatt (Data/Fact Sheet) No. 25.</p> <p>Do not use phenol-based disinfectants to avoid surface yellowing.</p>
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. Use P2 dust filter for grinding.</p> <p>Further information: See Material Safety Data Sheet (MSDS).</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>Germany: Only completely empty containers should 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/a): max. 40 g/l (2010). This product contains max. 15g/l VOC.
Product Code Paints and Enamels	M-SF01 F
Substances of Content - Declaration	Dispersion of Acrylic resin, pigments, mineral fillers, water, additives, Preservative.
Technical Assistance	<p>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.</p> <p>Caparol Georgia Al .Kartvelishvili str. N8 0198 Tbilisi, Georgia office@caparol.ge www.caparol.ge</p>