

AmphiSilan Putzfestiger

Solvent-based, special primer with solidifying properties on critical substrates. For interior and exterior use.



Product Description

Field of Application

AmphiSilan-Putzfestiger is used for solidifying priming coats on critical substrates, e.g. chalking or highly absorbent render/plaster or existing paint coatings, sandpapered gypsum surfaces, gypsum plasterboards or substrates from which distemper paints has been washed off. Ideally suited for solidifying priming coats on polystyrene-insulated ETICS/EWI systems or on polystyrene containing insulating plasters/renders.

Material Properties

- Alkali-resistant.
- Tension-free.
- Good penetration to the substrate.
- Non-yellowing.
- Allows diffusion and sorption.

Material Base / Vehicle

Pure acrylic-polymer resin

Packaging/Package Size

10 l

Storage

Keep in a cool, but frost-free place.

Technical Data

- Density: approx. 0.8 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

Substrate Preparation

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 18 363, section 3.

Apply one or two coats of AmphiSilan-Putzfestiger (depending on substrate requirements), wet-on-wet by brush or with suitable spraying equipment. Prime poorly or unevenly absorbent substrates, which need to be solidified, with AmphiSilan-Putzfestiger, thinned to a max. of 10 % with Caparol AF-Verdünner. The primer must not form a continuous, glossy film on the surface. Allow primed substrates to dry thoroughly for at least 12 hours at 20 °C. If temperatures are low, this period extends correspondingly and might be several days.

Thinning

Thin exclusively with Caparol AF-Verdünner, if required.

Consumption

Approx. 150 – 300 ml/m², depending on the condition and absorbency of the substrate. Determine the exact amount of material required by coating a test area on site.



Application Conditions	Lower Temperature Limit for Application and Drying: Can be applied in frost as well, if the substrate is dry and ice free.
Drying/Drying Time	At +20 °C and 65 % relative humidity recoatable after a minimum waiting time of 12 hours. Lower temperatures extend the drying time up to several days.
Tools	The primer should preferably be brushed intensively into the substrate with solvent resistant tools. Application by suitable spraying equipment is also possible. Pneumatic air guns must not be used to avoid the forming of explosive mixtures.
Airless Application	Spray angle: 60° Nozzle: 0.029" Spray gun pressure: 50 - 60 bar Clean tools immediately after use with white spirit.

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	Flammable liquid and vapour. May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking. Keep out of reach of children. Keep away from open flames/hot surfaces. - No smoking. Do not breathe vapours/spray. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid release to the environment. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Store in a well-ventilated place. Keep container tightly closed.
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 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.
Compatibility	AmphiSilan-Putzfestiger must not be mixed or thinned with other materials.
EU limit value for the VOC content	of this product (category A/h): 750 g/l (2010). This product contains max. 680 g/l VOC.
Product Code Paints and Enamels	M-GF02 (Germany)
Substances of Content - Declaration	Acrylic resin, aliphatic hydrocarbons, ester, glycol-ether
Further Details	See Material Safety Data Sheet (MSDS).
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	Tel.: (+49) 0 61 54 / 71 17 10 Fax: (+49) 0 61 54 / 71 17 11 e-mail: kundenservicecenter@caparol.de 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.670 · **AmphiSilan Putzfestiger** · Issued: November 2013