

Capalac GrundierWeiß

Diffusion-capable wood primer with barrier function, for exterior use. Undercoat for subsequently applied hiding coats, either solvent-based or water-dilutable.



Product Description

Field of Application

Diffusion-capable primer (undercoat) with barrier function. Suitable for exterior wood component parts with limited or unlimited dimensional stability as primer before applying Capalac and Capacryl enamels or Capadur Wetterschutzfarbe NQG.

Material Properties

- Fast-drying.
- High edge coverage.
- Good hiding power (opacity).
- Highly capable of capillary diffusion.
- High filling capacity.
- Suitable for overhead-work.
- Free of aromatic hydrocarbons.

Material Base / Vehicle

Alkyd resin with non-aromatic solvents.

Packaging/Package Size

- **White:**
750 ml, 2.5 litres, 10 litres
- **ColorExpress:**
750 ml, 2.5 litres

Colours

White.

The product is tintable via the ColorExpress (Capalac mix) machine system/stations in many special colours of colour collection Caparol 3D System plus and in many shades of other collections.

When using colour shades of low opacity (hiding/covering power), e.g. red, orange or yellow, it is advisable to apply a first (priming) coat of product, tinted in a matching priming system colour, available via ColorExpress.

Storage

Keep in a cool place.
Keep the can always tightly closed.

Technical Data

- Density: Approx.: 1.2 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 Uncoated and coated wooden parts. The substrate must be clean, sound/stable, dry, and free from all substances that may prevent good adhesion. Wood moisture content (WMC): Maximum permissible WMC of dimensionally stable wood: 13 %; limited dimensionally stable or unstable wood: 15 %

Substrate Preparation **Wooden Parts:**
Sand the surface in fibre direction, clean thoroughly, remove seeping substances, e.g. wood resin/rosin and pitch/resin pockets, cut sharp edges (see BFS Data Sheet No.18).

Sound/Stable Existing Coatings:
Roughen (sand) the surface and/or treat with alkali. Remove unstable existing coatings.

Method of Application Capalac GrundierWeiß is adjusted ready-to-use for brush application. Stir well before use and thin with 5 - 10 % of synthetic resin thinner or use Caparol AF-Verdünner (non-aromatic thinner), if necessary.

Guidelines for Spray Application:

	Ø Nozzle	Pressure	Thinning	Product Temperature
Airless	0.009 -0.0013 inch	180 - 200 bar	ready-to-use in delivered consistency	-
Aircoat TempSpray	0.009 -0.0013 inch	180 - 200 bar	ready-to-use in delivered consistency	35 °C

Surface Coating System

Substrate	Use	Substrate Preparation	Impregnation	Priming Coat	Intermediate Coat*	Finishing Coat
Uncoated wooden parts	exterior	as per BFS Data Sheet No. 18	Capalac Holz-Imprägniergrund ¹⁾	Capalac GrundierWeiß	Capalac alkyd enamel, Capacryl enamel or Capadur Color Wetterschutzfarbe	Capalac alkyd enamel, Capacryl enamel or Capadur Color Wetterschutzfarbe
Stable existing paint coatings	exterior	roughening (sanding) /alkali treatment	-	Capalac GrundierWeiß	-	Capalac alkyd enamel, Capacryl enamel or Capadur Color Wetterschutzfarbe

* Always apply two intermediate coats on dimensionally stable wooden parts, as per German BFS Data Sheet No. 18.

1) Only required for wood at risk of blue stain.

Consumption Approx. 100 ml/m² per coat. Consumption is only a guide value and may vary, depending on substrate requirements. Determine the exact amount of material required by coating a test area on site.

Application Conditions **Lower Temperature Limit for Application and Drying:**
+ 5 °C for product, substrate and ambient air.
Relative humidity must not exceed 80 %.

Drying/Drying Time

At 20 °C and 65 % relative humidity	dust dry	dry to touch	recoatable
after hours	2 - 3	4 - 5	24*

Lower temperatures and higher humidity extend the drying time.
*Respect a drying time of 2 - 3 days before applying finishing coats of Capacryl or Capadur enamels. The priming coat and the wooden substrate must be free of solvents in order to avoid blistering.

Tool Cleaning Immediately after use with white spirit.

Note Check the isolating property of Capalac GrundierWeiß before applying topcoats of waterborne enamels, e.g. Capacryl and Capadur Wetterschutzfarbe NQG.

Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)

Flammable liquid and vapour. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Repeated exposure may cause skin dryness or cracking. Contains Fatty acids, C18-unsatd., dimers, reaction products with N,N-dimethyl-1,3-propanediamine and 1,3-propanediamine. May produce an allergic reaction. Use P2 dust filter for grinding. Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

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 clean can/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.

EU limit value for the VOC content

of this product (Cat. A/g): 350 g/l (2010). This product contains max. 350 g/l VOC.

Giscode

BSL20

Substances of Content - Declaration

Alkyd resin, titanium dioxide, silicates, calcium carbonate, aliphatics, additives.

Further Details

See Material Safety Data Sheet (MSDS).

Customer Service Centre

Tel.: +49 6154 71-71710
Fax: +49 6154 71-71711
e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com