

# Caparol-Tiefgrund TB

Solvent-based, special primer for exterior and interior use.

## Product Description

### Field of Application:

Transparent special primer for exterior and interior use. Particularly suitable for gypsum substrates. For priming and solidifying existing render/plaster coatings, sanding on the surface, for surfaces on which existing coatings have been removed by washing or mechanically, as well as for substrates contaminated with residues of waste-paper or glue.

Do not use on ETICS/EWI\* with polystyrene (EPS) boards and renders/plasters with polystyrene aggregates.

Do not apply in areas used for storage or preparation of foods.

\* External Thermal Insulation Composite Systems / External Wall Insulation

### Properties:

Solidifies the substrate, high penetrating capacity, allows diffusion and sorption, alkali-proof, dries colourless.

### Vehicle:

Acrylic resin in white spirit.

### Density:

Approx. 0.8 g/cm<sup>3</sup>

**EU limit value for the VOC content** of this product (category A/h): max. 750 g/l (2007/2010).

This product contains max. 730 g/l VOC.

### Special Risks and Safety Advice (Status as at Publication):

**For professional use only.** (Only to be used by trained operatives.)

**Flammable.** Contains aliphatic hydrocarbons, white spirit. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Keep out of the reach of children. Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Use only in well-ventilated areas. Avoid contact with skin and eyes. Do not breathe vapour and spray dust. In case of insufficient ventilation, wear suitable respiratory equipment.

If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label. Do not empty into drains, water courses and onto the ground. Further information: See Safety Data Sheets.

### Note:

Always provide for a sufficiently long drying time in sensitive areas. Due to the use of Caparol-Tiefgrund TB in the 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 (see Technical Information No. 670).

### 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 containers should be given for recycling. Dispose of liquid material residues via collecting point for old enamels.

### Product Code Paints and Enamels:

M-GF03

### Substances of Content - Declaration:

Acrylic resin, white spirit, glycol ether.

### Package Size:

1 litre, 5 litres, 10 litres and 25 litres



## Application

### Preparation of Substrates:

**The substrates must be dry, clean, 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 Caparol-Tiefgrund TB on different substrates and their special treatment.

### Application:

Apply one coat of unthinned material on substrates with normal absorbency. Porous renders/plasters: Apply two coats, wet-on-wet.

Substrates with low absorbency:

Thin max. 20% with white spirit.

The priming coat should not form a glossy film.

### Consumption:

Approx. 150 – 300 ml/m<sup>2</sup> depending on the absorbency of the substrate and degree of thinning.

The exact rate of consumption is best established by a trial application on site.

### Tools:

Caparol-Tiefgrund TB is applied by brush (rub in intensively) or suitable airless equipment. Do not use compressed-air spraying units. Clean tools immediately after use with white spirit or brush cleaner.

**Compatibility with other Paint Materials:** Caparol-Tiefgrund TB should not be mixed with other materials.

### Thinning:

Only to be thinned with white spirit, if necessary.

### Drying Time:

At +20 °C and 65% relative humidity recoatable after approx. 12 hours. Lower temperatures extend the drying time.

### Lower Temperature Limit for Application and Drying:

Caparol-Tiefgrund TB may be applied even in frosty condition, provided the substrate is dry and ice free.


## 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:

 (+49) 06154 / 71 17 10

Fax No.: (+49) 0 6154 / 71 17 11

e-mail: kundenservicecenter@caparol.de

### International Distribution:

Please see [www.caparol.com](http://www.caparol.com)

## Technical Information No. 651 - Revised: December 2009

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. 651 Caparol-Tiefgrund TB · Issued: February 2007

**CAPAROL Farben Lacke Bautenschutz GmbH** · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Tel. + 49 (061 54) 71-0 · Fax + 49 (061 54) 71 13 91 · Internet: [www.caparol.com](http://www.caparol.com)  
**Berlin Office** · Schnellerstraße 141 · D-12439 Berlin · Tel. +49 (030) 63 94 6-0 · Fax +49 (030) 63 94 62 88

DAW International Business: **Deutsche Amphibolin-Werke von Robert Murjahn Stiftung & Co KG** · P.O.B. 1264 · D-64369 Ober-Ramstadt · Tel. +49 (061 54) 71-12 74  
Fax +49 (061 54) 71-12 64 · E-mail [export@daw.de](mailto:export@daw.de) · Internet [www.caparol.com](http://www.caparol.com)