

# Deko-stone

Solvent-free, ready-to-use, fine finish plaster for efficient spray application on large wall & ceiling surfaces and prefabricated building units, in interiors.



## Product Description

Field of Application

For durable spray-applied interior coatings. Eminently suitable for efficient surface coatings particularly on staircases, large areas and prefabricated building units. Spray application on large areas can be effected within short time (high performance) due to the ready-to-use consistency.

Material Properties

- Solvent-free.
- Water-dilutable, ecologically compatible, low odour.
- Diffusion-capable.
- Tough and insensitive to shock and impact.
- Easy to apply.
- Alkali-resistant, hence unsaponifiable.

Material Base / Vehicle

Synthetic dispersion/emulsion according to German standard DIN 55945.

Packaging/Package Size

16 kg

Colours

White.

Tintable via the ColorExpress tinting & mixing machine system in nearly all Caparol colour shades. The undiluted product is also manually tintable to a max. of 2 % with CaparolColor or AmphiColor® (AVA) colourants. If more than one bucket is manually tinted, all product must be thoroughly mixed before use in order to avoid colour differences.

For coating smaller surfaces it is advisable to apply white standard product, followed by a coat of paint in the desired colour shade.

Quantities of 100 litres or more in individual colours may be ordered ready-tinted ex factory.

Gloss Level

Matt (flat)

Storage

Keep in a cool, but frost-free place.

Technical Data

- Maximum particle (grit) size: Approx. 1.5 mm

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

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



## Application

Suitable Substrates

The substrate 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.

**Plasters in Mortar Groups/Classes PII (Lime-Cement Mortars) and PIII (Cement Mortars):**

Coat solid/stable, normally absorbent plasters without pre-treatment. Prime highly porous, sanding, absorbent plasters with CapaSol.

**Gypsum Plasters in Mortar Group/Class PIV (Gypsum Mortar and Ready-Mixed Gypsum Plaster):**

Coat solid/stable, normally absorbent plasters without pre-treatment.

Strengthen soft gypsum plasters with Tiefgrund TB. Sand/grind sintered skin, remove sanding dust and prime with Tiefgrund TB or AmphiSilan-Putzfestiger.

**Gypsum Wallboards:**

Prime absorbent boards with CapaSol, Tiefgrund TB or AmphiSilan-Putzfestiger.

**Gypsum Plasterboards (Sandwich-Type Plaster Boards / Drywalls):**

Sand/grind off filler (mortar) burrs. Strengthen soft and sanded gypsum fillings with Tiefgrund TB.

Boards containing water-soluble, discolouring substances that leave marks: Apply one priming coat of Caparol-Filtergrund grob (coarse). In Germany: Follow BFS Data Sheet No. 12.

**Concrete:**

Remove all residues of parting agent (formwork oil residues) and chalking, sanding substances.

**Autoclaved Aerated Concrete (AAC) / Cellular Concrete:**

Prime with Capaplex, diluted in 1:3 ratio with tap (potable) water.

Smoothen the surface with Caparol-Akkordspachtel.

**Hardboards (Fibreboards), Particle Boards, Plywood Boards:**

Carefully sand the surface of waxed boards and remove all sanding dust. Apply one priming coat of Caparol-Filtergrund grob (coarse).

**Sound/Stable Coatings:**

Apply directly on matt, slightly absorbent paint coatings. Roughen glossy surfaces and enamel coatings.

**Unstable Coatings:**

Remove unstable coatings of enamel and emulsion paint or synthetic (organic) plaster. Prime highly porous, sanding or absorbent surfaces with CapaSol. Remove unstable coats of mineral paint by mechanical means and remove dust. Apply one priming coat of Tiefgrund TB or AmphiSilan-Putzfestiger.

**Glue-Bound Distemper (Limewater Colour/Paint):**

Carefully wash off and prime with Tiefgrund TB.

**Wallpapers:**

Remove completely and wash off all residues of wallpaper paste/glue and waste paper. Apply one priming coat of Tiefgrund TB or AmphiSilan-Putzfestiger.

**Mildewed/Mouldy Surfaces:**

Remove fungal (fungi/mildew/mould) attack by wet cleaning (brushing, scraping or scratching off), then use Capatox and allow the surfaces to dry thoroughly. Follow legal/local and official regulations (e.g. Ordinance on Biological Agents and Ordinance on Hazardous Substances).

**Surfaces Stained with Nicotine, Water, Soot or Fat/Grease:**

Apply one insulating coat of Caparol-Filtergrund grob (coarse). Technical Information No. 845.

**Small Defects:**

After having completed the necessary preparations, repair small defects with Caparol-Akkordspachtel in accordance with our application instructions and, if necessary, prime subsequently.

Method of Application

Deko-stone is applicable with suitable spraying equipment (e.g. hopper jet or fine plaster spray units like Wagner PC 5). Texture effects depend on the nozzle size (6 mm recommended) and the applied quantity of product.

**Spray Application:**

Nozzle: 6 - 8 mm

Pressure: 3 - 4 bar

A higher flow rate is achievable on large areas (seamless walls and ceilings), correspondingly lower flow rates on small surfaces.

Surface Coating System

**Priming or Intermediate Coat**

Apply Putzgrund 610, Capadecor DecoGrund or Haftgrund, white or tinted via ColorExpress or with CaparolColor or AmphiColor® (AVA) colourants, matching the finishing coat in shade.

**Finishing Coat**

Stir Deko-stone thoroughly before use and apply undiluted.

Consumption	<p><b>Deko-stone:</b> Approx. 600 g/m<sup>2</sup> on smooth substrates. Consumption depends on the desired appearance of texture, distance to the surface and speed of spraying. Consumption is only a guide value. Determine the exact amount of material required by coating a test area on site.</p>
Application Conditions	<p><b>Lower Temperature Limit for Application and Drying:</b> +8 °C for product, substrate and ambient air.</p>
Drying/Drying Time	<p>At +20 °C and 65 % relative humidity surface-dry after approx. 24 hours. Completely dry and ready for stress after approx. 2 - 3 days. Lower temperatures and higher humidity extend the drying time.</p>
Tool Cleaning	<p>Clean tools/equipment immediately after use with water, adding a detergent, if necessary. During breaks keep tools in a water container (dipped in water).</p>
Note	<p>The natural sand used in Deko-stone may cause slight colour variation in the finishing coat. Always use product of same batch, when applying on seamless surfaces or, if utilising product from different batches, mix the entire quantity needed in advance. To avoid lapping, the product should be applied wet-on-wet and without interruption.</p> <p>Due to the use of Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas.</p> <p>Reworking gypsum filling compounds may lead to swelling, blistering and flaking due to long lasting moisture exposure. Ensure quick drying by sufficient ventilation and temperature. In Germany: Follow Data Sheet No. 2 "Verspachtelung von Gipsplatten / Trowel Application on Plasterboards", issued by "Bundesverband der Gips- und Gipsplattenindustrie" (German Association of Gypsum and Plasterboard Industry).</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. Further information: See Material Safety Data Sheet (MSDS). Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. In Germany: Advice for allergy sufferers with isothiazolinone allergy: German 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. 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>
Product Code Paints and Enamels	M-DF01 (Germany)
Substances of Content - Declaration	Polyacrylic resin dispersion/emulsion, titanium dioxide, calcium carbonate, silicates, water, additives, preservatives (methyl-/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 <a href="http://www.caparol.com">www.caparol.com</a></p>

### Technical Information No.280 · 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.280 · Deko-stone · Issued: December 2015