

# Deko-stone

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



## Product Description

Field of Application	For durable spray-applied interior coatings. Eminently suitable for economic large 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.
Product Properties	<ul style="list-style-type: none"> <li>■ Solvent-free.</li> <li>■ Water-thinnable, ecologically compatible, low odour.</li> <li>■ Diffusion-capable.</li> <li>■ Tough and insensitive to shock and impact.</li> <li>■ Easy to apply.</li> <li>■ Alkali resistant, hence unsaponifiable.</li> </ul>
Product Base / Vehicle	Synthetic dispersion/emulsion according to 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 up to max. 2 % with Amphibolin 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 colour shades may be ordered ready-tinted ex factory.
Gloss Level	Matt
Storage	Keep in a cool, but frost-free place.
Technical Data	<ul style="list-style-type: none"> <li>■ Maximum particle (grit) size: Approx. 1.5 mm</li> </ul>

## 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, paragraph 3.
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**Renders/Plasters in Mortar Group/Class PII (Lime-Cement Mortars) and PIII (Cement Mortars):**

Coat adherent, sound, normally absorbent renders/plasters without pre-treatment. Prime highly porous, sanding, absorbent renders/plasters with CapaSol LF.

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

Coat adherent, sound, normally absorbent renders/plasters without pre-treatment. Strengthen soft gypsum plasters with Caparol-Tiefgrund TB. Sand sintered skin, remove sanding dust and prime with Caparol-Tiefgrund TB or AmphiSilan-Putzfestiger.

**Gypsum Wallboards:**

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

**Gypsum Plaster Boards (Sandwich Type Plaster Boards):**

Grind off filling burrs. Strengthen soft and sanded gypsum fillings with Caparol-Tiefgrund TB. Boards containing water-soluble substances that leaves marks: Apply one priming coat of Caparol-Filtergrund grob (coarse). In Germany: Follow BFS Data Sheet No. 12.

**Concrete:**

Remove all residues of separating agent and chalking, sanding substances.

**AAC / Cellular Concrete:**

Prime autoclaved aerated concrete 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 Coatings:**

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

**Unsound Coatings:**

Remove unsound coats of enamel and dispersion/emulsion paint or synthetic render/plaster. Prime highly porous, sanding or absorbent surfaces with CapaSol LF. Remove unsound coats of mineral paint by mechanical means and remove all sanding dust. Apply one priming coat of Caparol-Tiefgrund TB or AmphiSilan-Putzfestiger.

**Distemper Paint:**

Carefully wash off the coating and prime with Caparol-Tiefgrund TB.

**Wallpapers:**

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

**Mildewed Surfaces:**

Remove fungal (mildew/mould) attack by wet cleaning, then treat the surfaces with Capatop and allow to dry thoroughly. Follow legal and official regulations (e.g. Biocidal Products Directive 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 Wagner PC 5). Texture effects depend on the used nozzle size (6 mm recommended) and the applied quantity of product.

**Spray Application:**

Nozzle: 6-8 mm

Pressure: 3-4 bar

A higher output/flow rate is achievable on large areas (connected walls and ceilings); correspondingly lower discharge flow of product on small areas.

Surface Coating System

**Priming or Intermediate Coat**

Apply Putzgrund 610, white or tinted via ColorExpress or using CaparolColor or Amphibolin colourants, matching the finishing coat in shade.

**Finishing Coat**

Stir Deko-stone thoroughly before use and apply undiluted.

Consumption

**Deko-stone:**

1 - 1.5 kg/m<sup>2</sup> on an even surface. Consumption depends on the desired appearance of texture. Consumption is only a reference value. The exact rate of consumption is best established by a trial coating on site.

Application Conditions	<b>Lower Temperature Limit for Application and Drying:</b> +8 °C for product, substrate and ambient air.
Drying/Drying Time	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.
Tool Cleaning	Clean tools/equipment immediately after use with water, adding a detergent, if necessary. During long breaks keep the tools in a water container (dipped in water).
Note	The natural sand used in Deko-stone may occasionally cause slight colour variation (deviation) in the finishing coat. Hence it is advisable to use for continuous surfaces only product marked with identical batch numbers or, if utilising product from different batches, to mix the entire quantity needed in advance. To avoid lapping, the product should be applied wet-on-wet and without interruption.  Due to the use of Caparol-Tiefgrund TB in the interiors, a typical solvent odour is released, hence proper ventilation must be provided. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas.  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).

## Advice

German Certificates	<b>Test Certificate:</b> Deko-stone is "flame-retardant/of low flammability" when used on solid mineral substrates and gypsum boards. Fire behaviour classification: B1 according to German standard DIN 4102, monitored by testing institute "Prüfinstitut Hoch, Fladungen".
Please Note (Status as at Date of Publication)	Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water. Do not breathe spray (aerosols). Do not empty into drains, water courses and onto the ground. Further information: See Material Safety Data Sheet (MSDS).
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 containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.
Product Code Paints and Enamels	M-DF01
Substances of Content - Declaration	Acrylic resin dispersion, titanium dioxide, calcium carbonate, silicates, water, additives, preservatives
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 <a href="http://www.caparol.com">www.caparol.com</a>

## Technical Information No. 280 · Issue: January 2012

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 2010

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