

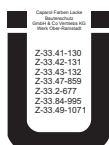
# Capatect-Fassadenputze R und K

Synthetic, textured renders/plasters for exterior use, reinforced with siloxane



## Product Description

Field of Application	<p>Ready-to-use, textured organic-bounded renders/plasters. Applicable as finishing coatings for Capatect-ETICS / EWI System B                  Capatect-VHF (Cladding) System                  Uncoated concrete                  Mortar layers of mortar groups P II + P III to DIN V 18 550                  Sound, matt coatings of dispersion paint                  Sound existing mineral coatings. Unsuitable are substrates showing efflorescence and substrates made of plastic or wood/timber.</p>
Product Properties	<ul style="list-style-type: none"> <li>■ Fire behaviour: German classification</li> <li>■ "schwerentflammbar" B1 to DIN 4102 / DIN EN 13 501 (hardly combustible / of low flammability)</li> <li>■ Highly water vapour permeable.</li> <li>■ Weatherproof, water-repellent to DIN 4108.</li> <li>■ Good working properties.</li> <li>■ Ecologically compatible, low odour.</li> <li>■ Binder: Synthetic resin dispersion to DIN 18 558.</li> <li>■ Water-thinnable.</li> <li>■ Alkali-proof, hence unsaponifiable.</li> </ul>
Packaging/Package Size	25 kg bucket
Colours	<p>White</p> <p>Can be tinted by the manufacturer according to colour cards CaparolColor or Caparol 3D System plus. Can be tinted via ColorExpress tinting machine system. Further shades with luminosity <math>\geq 20</math> can be tinted on request. (Luminosity <math>&lt; 20</math> is unsuitable for ETICS / EWI Systems). Luminosity <math>\geq 15</math> can be achieved using reinforcement material CarboNit or CarbonSpachtel.</p> <p>Small quantities can be tinted with CaparolColor or Amphibolin colourants, but max. 2 %, otherwise the consistency will become too low.</p>
Gloss Level	Matt
Storage	Cool, dry, frost-free and protected against direct sunlight.
Technical Data	<ul style="list-style-type: none"> <li>■ Diffusion-equivalent air layer thickness <math>s_{dH_2O}</math>: max. 0.6 m on Capatect 190 to DIN EN ISO 7783-2</li> <li>■ Coefficient of water absorption: <math>w &lt; 0,2 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0,5})</math> to DIN EN 1062 part 3</li> <li>■ Consistency: paste-like</li> </ul>
Product No.	620



## Application

### Substrate Preparation

The substrate must be even, clean, dry, solid, sound/stable, and free from all substances that may prevent adhesion. Follow VOB, part C, DIN 18 363, paragraph 3. Remove unsound coatings of enamels, dispersion paints, synthetic renders/plasters and unsound mineral paint coatings. Clean sound, adherent paint coatings dry or wet. Clean surfaces with organic growth (moss, algae, fungal attack) by high pressure water jet in compliance with the regulations. Treat the surfaces with Capatopx and allow to dry thoroughly. Clean surfaces soiled with industrial gases or soot by high pressure water jet and suitable cleaners in compliance with the regulations.

### Method of Application

Apply the textured render/plaster with stainless steel trowel or suitable spraying equipment homogeneously to the complete surface and immediately rub down to the particle/grain size. Directly after that treat the K-type scratch/ plate-texture renders/plasters evenly with a plastic trowel or PU-board, by circularly 'ironing', and texture the R-type materials horizontally, vertically or circularly, as desired.

The surface roughness profile is influenced by the chosen tool, hence always the same type of texturing tool should be used. For spray application the nozzle size depends on particle sizes. (Nozzle size = particle size x 4). Working pressure: 0.3 to 0.4 MPa (3 to 4 bar). Apply thoroughly an even layer during spray application and avoid overlapping that may be caused by storeys of scaffolding. To achieve an even texture always the same craftsmen should work on a surface. To avoid lapping on large area surfaces, care should be taken to have a sufficient number of hands/craftsmen on the job and to apply the material wet-on-wet without interruption

Being natural products, the granular materials used in the render/plaster finishes, may occasionally cause slight colour variation in the finished coating. Use only material marked with identical batch numbers or, if utilising material from different batches, mix the entire quantity needed in advance.

### Surface Coating System

Primer Putzgrund 610, used for first or intermediate coat, must be tinted to match the finishing coat in shade (when a tinted finishing coat has to be applied). First or intermediate coats must be allowed to dry before any further application.

#### **Capatect-ETICS/EWI System B and Capatect-VHF (Cladding) System:**

*New mineral mortars (reinforcement layers):*

Prime with Putzgrund 610.

*New cement-free reinforcement layers:*

No priming coat required.

Prime weathered reinforcement layers (e.g. after winter period) with Putzgrund 610.

#### **Rendering of Mortar Groups P II and P III:**

New renders/plasters can normally be coated after having cured for a sufficiently long time (at 20 °C and 65% relative humidity: 2 weeks). Respect correspondingly longer idle periods in case of adverse weather conditions, e.g. influenced by wind or rain. An additionally applied priming coat of CapaGrund Universal minimizes the risk of calcareous efflorescence and the render / plaster coating may be coated after having respected a waiting time of 7 days. Apply an intermediate coat of Putzgrund 610.

Existing Renders / Plasters: Allow repaired areas to cure and dry thoroughly. Apply a priming coat of OptiGrund E.L.F. on highly porous, absorbent and slightly sanding surfaces. Apply an intermediate coat of Putzgrund 610. Apply a priming coat of Dupa-grund on highly sanding, chalking surfaces. Apply an intermediate coat of Putzgrund 610.

#### **Uncoated Concrete:**

Concrete surfaces with deposits of dirt or fines / sintered layer, must be cleaned mechanically or with high-pressure cleaner, in compliance with the regulations. Apply a priming coat of OptiGrund E.L.F. on highly porous, slightly sanding or absorbent surfaces. Prime chalking surfaces with Dupa-grund. Apply an intermediate coat of Putzgrund 610.

#### **Matt, Sound Dispersion Paint Coatings:**

Matt, slightly absorbent coatings may be coated without any pre-treatment. Clean existing soiled, chalking layers with high-pressure cleaner, in compliance with the regulations. Apply a priming coat of Dupa-grund, when other cleaning methods are used (washing or brushing off). Apply an intermediate coat of Putzgrund 610.

## Consumption

Product	Texture	Particle Size (mm)	Approx. Consumption (kg/m <sup>2</sup> )
Capatect-Fassadenputz R20	corrugated render texture	2,0	2,8
Capatect-Fassadenputz R30	corrugated render texture	3,0	3,6
Capatect-Fassadenputz K15	plate/scratch render texture	1,5	2,7
Capatect-Fassadenputz K20	plate/scratch render texture	2,0	3,3
Capatect-Fassadenputz K30	plate/scratch render texture	3,0	4,3

The exact rate of consumption is best established by a trial application. This indication does not take into account usage for spilling or loss on site. The figure may also vary according to substrate or application conditions.

## Application Conditions

The temperature for material, substrate, water and ambient air should not fall below + 5 °C and not exceed + 30 °C during application and drying period. Do not apply in direct sunlight, during strong wind, fog, high relative humidity, and imminent rain or frost.

## Drying/Drying Time

At 20 °C and 65% relative humidity surfacedry after approx. 24 hours. Completely dry, recoatable and ready for stress after 2 to 3 days. The render/plaster dries physically, i.e. by film forming of dispersion and evaporation of water. Lower temperatures and higher relative humidity extend the drying times.

## Tool Cleaning

Clean immediately after use with water.

## Material Preparation

Stir the material thoroughly with a low-speed electric stainless steel paddle (agitator). If necessary adjust to working consistency with tap (potable) water, max. 1% if manually applied, max. 2% for spray application.

## Note

Capatect Fassadenputze - facade renders/plasters protect the facades against algae and fungal attack at normal exposure. Apply 2 coats of ThermoSan, if an additional preventive protection is required. If necessary, cover the scaffoldings with tarpaulins to protect the surface from rain during the drying phase. Capatect renders/plasters are unsuitable for application on horizontal surfaces exposed to rain or moisture.

## Advice

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

Harmful to aquatic organisms, may cause longterm adverse effects in the aquatic environment. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Do not empty into drains, water courses or onto the ground. If swallowed, seek medical advice immediately to avoid harm to the intestinal bacteria. In case of spray application: Do not breathe spray dust.

### Please Note (Status as at Date of Publication)

See 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 of containers with residues of liquid material as remnants of water-based paints and dried material as dried paints waste or via domestic waste. European Waste Code (EWC) 08 01 12

### Product Code Paints and Enamels

M-DF02F

### 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](http://www.caparol.com)

## Technical Information No. 620 · 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. 620 · Capatect-Fassadenputze R und K · Issued: January 2012

DAW International Business: **Deutsche Amphibolin-Werke von Robert Mühler Stiftung & Co KG** · P.O.B. 1264 · D-64369 Ober-Ramstadt · Tel. +49 6154 71-1274  
 Fax +49 6154 71-1264 · E-mail [export@daw.de](mailto:export@daw.de) · Internet [www.caparol.com](http://www.caparol.com)