

# Capatect Muresko Fassadenputz

Modified, silicone resin-reinforced SilaCryl®-based facade render according to DIN EN 15824



## Product Description

Field of Application

Ready-to-use, texturisable facade render for mineral and organic wall and ceiling surfaces in exterior areas. Can be used in combination with the Capatect façade systems.

Material Properties

- Highly permeable to water vapour
- Colour variety due to SilaCryl® technology
- Good colour fastness
- Increased protection against fungal and algal attack
- Water-thinnable
- Smooth application

Packaging/Package Size

25 kg bucket

Colours

White

Factory colouring is possible. Suitable for in-can tinting with dosing units from ColorExpress. Further special shades with lightness value > 20 on request. If, for optical reasons, colors with a lightness index < 20 are desired, apply a double-coating with CoolProtect.

Tinting of small quantities is possible by the addition of the tinting paints "CaparolColor Vollton- und Abtönfarben" (former Alpinacolor) or "Amphibolin Vollton- und Abtönfarben". Do not add more than 2 % colour, otherwise the consistency will be too thin.

Gloss Level

Matt

Storage

Cool, dry, frost-free and protected from direct sunlight.

Technical Data

- Density: approx. 1.8 g/cm<sup>3</sup>
- Diffusion-equivalent air layer thickness  $s_{dH_2O}$ : < 1.4 m according to DIN ISO 7783  
Class V2 (medium) according to DIN EN 15824
- Fire behaviour: A2-s1, d0 according to DIN EN 13501-1 (non-combustible)
- Consistency: paste-like
- Vehicle / Binding agent: Silicone resin modified synthetic resin dispersion based on SilaCryl®.
- Water permeability (w-value): ≤ 0.5 kg/(m<sup>2</sup>h<sup>1/2</sup>) according to DIN EN 1062-3  
Class W<sub>2</sub> (medium) according to DIN EN 15824

Product No.

Approx. consumption (kg/m<sup>2</sup>)



<b>Product no. / designation</b>	<b>Structure</b>	<b>Grain size (mm)</b>	<b>Approx. consumption (kg/m<sup>2</sup>)</b>
Capatect Muresko Fassadenputz	K20, Scraped render structure	2,0	3,5
	K30, Scraped render structure	3,0	4,2

The consumption data are approximate values without bulk and shrinkage loss. Object-dependent or processing-related deviations must be taken into account.

## Application

### Substrate Preparation

The substrate must be even, clean, dry, sound, load-bearing and free from all substances that may prevent good adhesion. In Germany, observe VOB, Part C, DIN 18 363, Para. 3. Coatings of varnish, dispersion paint or synthetic resin plaster that are not load-bearing and mineral coatings that are not load-bearing must be completely removed. Clean adherent coatings dry or wet.

Clean surfaces affected by mould, moss or algae by means of pressurised water jets, observing the legal regulations. Wash with Capatopx and allow the surfaces to dry thoroughly. Clean surfaces soiled by industrial fumes or soot by pressure water jetting with the addition of suitable cleaning agents and in compliance with the legal regulations.

For grain sizes < 2.0 mm, additional pre-treatment of the base coat may be necessary.

### Method of Application

Apply the render over the entire surface with a stainless steel trowel or a suitable fine plaster spraying machine and scrape off to grain size. Immediately afterwards, use a plastic trowel or a PU board to rub down the scratch plasters evenly in a round shape, and texture the rubbing plasters either horizontally, vertically or in a round shape. The choice of tool influences the roughness profile of the surface, therefore always work with the same texturing discs.

When spraying, the nozzle to be selected depends on the grain size. (Nozzle size = grain size x 4) The working pressure should be 0.3-0.4 MPa (3-4 bar). When spraying, particular care should be taken to ensure an even application of material and to avoid overlaps at the scaffold layers.

To achieve a uniform structure, contiguous surfaces should always be applied by the same craftsman to avoid structural deviations due to different "handwriting". To avoid lapping, a sufficient number of workers should be employed on each scaffold layer and work should be carried out quickly, wet on wet.

Due to the use of natural aggregates, slight colour variations are possible. Therefore, only apply material of the same production number on continuous surfaces or mix material of different production numbers beforehand. Capatect Muresko facade renders are not suitable for horizontal surfaces exposed to water.

### Surface Coating System

The PutzGrund 610 to be used as a primer or intermediate coat must be tinted to the render colour when subsequently applying coloured render. Primer or intermediate coats must be dry before further processing.

#### Capatect ETICS:

New mineral base coats: Prime with PutzGrund 610. New cement-free base coats: No priming required. Base coats weathered by prolonged standing time (e.g. wintering): Prime with PutzGrund 610.

#### Renders of mortar groups PII and PIII:

New renders can be coated after sufficient standing time, usually after 2 weeks, at approx. 20 °C and 65 % relative humidity. In unfavourable weather conditions, e.g. influenced by wind or rain, significantly longer standing times must be observed. An additional priming coat of CapaGrund Universal reduces the risk of lime efflorescence, so that the finishing render can be coated after a standing time of only 7 days. Intermediate coat with PutzGrund 610.

#### Old renders:

Finishing plasters must be well set and dry. On coarsely porous, absorbent, slightly sanding renders, apply one priming coat of OptiSilan TiefGrund. Apply one intermediate coat of PutzGrund 610. Apply one priming coat of Dupa-Putzbefestiger on heavily sanding, chalking renders. Intermediate coat with PutzGrund 610.

#### Concrete:

Clean concrete surfaces with dirt deposits or floury grain layer mechanically or by pressure water jetting, observing the legal regulations. Prime coarsely porous, slightly sanding or absorbent surfaces with OptiSilan TiefGrund. Prime chalky surfaces with Dupa-Putzbefestiger. Intermediate coat with PutzGrund 610.

Application Conditions	<p>Load-bearing, matt dispersion paint coatings: Recoat matt, slightly absorbent coatings directly. Clean soiled, chalking old coatings by pressure water jetting, observing the legal regulations. If other cleaning methods are used (washing off, brushing off, spraying off), prime with Dupa-Putzbefestiger. Intermediate coat with PutzGrund 610.</p> <p>Load-bearing silicate paints: Coat with Syllitol or AmphiSilan materials.</p> <p>During The application and in the drying phase, the ambient and substrate temperatures must not be below +5 °C and above +30 °C.</p> <p>Do not apply in direct sunlight, strong wind, fog or high humidity. In this context, we refer to the leaflet "Verputzen, Wärmedämmen, Spachteln, Beschichten bei hohen und tiefen Temperaturen" (Plastering, Thermal Insulation, Filling, Coating at High and Low Temperatures) from the Bundesverband Ausbau und Fassade (Federal Association for Finishing and Facades).</p> <p>Aus &lt;<a href="https://daw-pim.data-room.de/tim_279341_edit">https://daw-pim.data-room.de/tim_279341_edit</a>&gt;</p> <p>During The application and in the drying phase, the ambient and substrate temperatures must not be below +5 °C and above +30 °C. Do not apply in direct sunlight, strong wind, fog or high humidity. If there is strong air movement on the component surface at the time of application and drying, there is a risk of shrinkage cracking and pore formation in the finishing render. In this context, we refer to the leaflet "Verputzen, Wärmedämmen, Spachteln, Beschichten bei hohen und tiefen Temperaturen" (Rendering, Thermal Insulation, Filling, Coating at High and Low Temperatures) from the Bundesverband Ausbau und Fassade (Federal Association for Finishing and Facades).</p>
Drying/Drying Time	<p>At 20 °C and 65 % relative humidity, the render is surface-dry after 24 hours. Fully dry, loadable and paintable after 2-3 days.</p> <p>The render dries physically, i.e. by film formation of the dispersion and by evaporation of the moisture. Particularly in the cool season and with high humidity, there is therefore a delay in drying.</p> <p>If necessary, protect the finished surface of the finishing plaster until sufficient weather resistance is achieved.</p>
Tool Cleaning	Immediately after use with water.
Material Preparation	Stir Capatect Muresko Fassadenputz thoroughly with a low-speed stainless steel agitator. If necessary adjust to working consistency with tap water (max. 1 % if manually applied and max. 2 % for spray application).
Note	Capatect Muresko Fassadenputz is a product that is equipped with special active ingredients against fungal and algae formation at the surface. This depot of active ingredients provides a long-lasting, but temporary protection. The duration of its effectiveness is influenced by object conditions, such as the strength of the infestation and the moisture load. Therefore, a permanent prevention of fungal and algae growth is not possible.

## Advice

Special Risks (Hazard Note) / Safety Advice (Status as at Date of Publication)	<p>Caution. May cause allergic skin reactions.</p> <p>If medical advice is needed, have packaging or label at hand. Keep out of the reach of children. Do not get in eyes, on skin or on clothing. Wear protective gloves/eye protection. IF ON SKIN: Wash with plenty of soap and water. Caution. Spraying may produce hazardous respirable droplets. Do not inhale aerosol or mist. Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, 2-octyl-2H-isothiazol-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC No. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC No. 220-239-6] (3:1). Hotline for allergy sufferers: 0800/1895000 (free of charge from the German landline network)</p> <p>This product is a "treated product" according to EU Regulation 528/2012 (not a biocidal product) and contains the following biocidal active ingredients: 2-octyl-2H-isothiazol-3-one (CAS No. 26530-20-1), pyrithione zinc (CAS No. 13463-41-7), terbutryn (CAS No. 886-50-0). Hotline for allergy enquiries and technical advice: 0800/1895000 (free of charge from the German fixed network).</p>
Please Note (Status as at Date of Publication)	<p>Facade resin plaster, waterborne, with film protection. EU limit value for the VOC content of this product (cat. A/c): &lt;40 g/L. This product contains max. 20 g/l VOC.</p> <p>Declaration of ingredients according to VdL guideline 01: Polyvinyl acetate resin, silicone resin, calcium carbonate, silicates, titanium dioxide, water, glycols, aliphatics, additives, preservatives, film protection.</p>
Disposal	Dispose of liquid material residues at the collection point for old paints/lacquers, dispose of dried material residues as construction and demolition waste or as municipal or household waste. EWC 080112
Giscode	BSW50
CE Labelling	The CE mark in accordance with DIN EN 15824 is affixed to the container and to the CE marking data sheet, which can be downloaded from the Internet at <a href="http://www.caparol.de">www.caparol.de</a> .

# TECHNICAL INFORMATION NO. 640

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



## Technical Information No. 640 · Issue: June 2023

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.640 · Capatect Muresko Fassadenputz · Issued: June 2022

CAPAROL Farben Lacke Bautenschutz GmbH · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Internet [www.caparol.com](http://www.caparol.com) · E-Mail [info@caparol.de](mailto:info@caparol.de)