

Capatect Muresko-Fassadenputz

Universal facade render based on SilaCryl® silicone emulsion
as per DIN EN 15824



Product Description

Field of Application

Ready-to-use silicone emulsion-based synthetic render. Final coat to be used for:

- Capatect ETICS
- Concrete, uncoated
- Lime-cement mortar groups PII + PIII as per DIN 18550-1 / DIN EN 998-1
- Matt, load bearing emulsion paint
- Load bearing mineral coatings

Note: Do not use on substrates showing salt efflorescence, as well as substrates made of plastic or wood.

Material Properties

- Highly water vapor permeable
- High color diversity thanks to SilaCryl® technology
- High color fastness
- Highly protecting against fungi and algae infestation
- Water dilutable, environmentally friendly and of low odor
- Binder: silicone-modified synthetic emulsion
- Weather resistant and water repellent
- Alkali resistant, therefore unsaponifiable

Packaging/Package Size

25 kg bucket

Colours

White

To order colorshades use the color guides CaparolColor or Caparol 3D. Suitable for in-can tinting with dosing units from ColorExpress. Further special shades with lightness index > 20 on request. (Note: Lightness index < 20 is not suitable for ETICS.) If, for optical reasons, colors with a lightness index < 20 are desired, apply a double-coating with Muresko CoolProtect.

Tinting of small quantities is possible by the addition of the tinting paints "CaparolColor Voll- und Abtönfarben" or "Amphibolin Voll- und Abtönfarben". (Note: use less than 2% of these colors to keep the consistency.)

Gloss Level

Matt

Storage

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

Technical Data

- Diffusion-equivalent air layer thickness s_{dH_2O} : < 1,4 m, class V2 (medium) as per DIN EN ISO 7783-2
- Coefficient of water absorption: $w < 0,2 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0,5})$, class W2 (medium) as per DIN EN 1062-3
- Consistency: paste-like
- Vehicle / Binding agent: Silicone modified synthetic resin emulsion (SilaCryl® based)



Product No. 640

Application

Suitable Substrates

See Field of application.
Note: Not suitable for horizontal surfaces expecting water loads.

Substrate Preparation

The substrate must be even, clean, dry, solid, sound and free from all substances that may prevent good adhesion. In Germany follow VOB, part C, DIN 18 363, section 3. Remove unsound coatings of enamel, emulsion paint, synthetic (organic) render/plaster and unsound mineral paint coatings completely. Clean adherent paint coatings dry or wet.
 Clean the surfaces infested with organic growth (fungi, mould, moss, algae) with a high-pressure water jet, in compliance with the regulations. Then use Capatox and allow to dry thoroughly. Clean surfaces contaminated with industrial pollution (factory fumes) or soot by high-pressure cleaner and suitable cleaning agent, in compliance with the regulations.

Method of Application

Apply all textured render with a stainless steel trowel or suitable spraying equipment homogeneously to surface sections. Rub off immediately to the grain size and take off excessive slurry. Treat the K-type render evenly with a plastic trowel or PU-board by circularly "ironing". Groove the R-type render horizontally, vertically or circularly with a plastic trowel as desired.

The surface roughness 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.
 Working pressure: 0.3 to 0.4 MPa (3 to 4 bar).

Apply thoroughly an homogeneous layer during spray application. Avoid visible overlapping that may be caused by storeys of scaffolding. Always the same craftsmen should finish seamless surfaces to achieve an even texture. To avoid lapping on large-area surfaces, care should be taken to have a sufficient number of craftsmen on the job and to apply the material wet-on-wet without interruption.

Granules and filler are natural products and therefore may occasionally cause slight colour variation in the finished coating. Only use product of same batch or, if material from different batches must be applied, mix the entire quantity needed in advance.

Surface Coating System

Primer Putzgrund 610 has to be tinted in matching colour shade before applying tinted render/plaster. Allow thorough drying of priming/intermediate coats before further application.

Capatect ETICS and natur+:

- **New reinforcement layers based on mineral mortars:** Prime with Putzgrund 610.
- **New cement-free reinforcement layers in white:** No priming required.
- **All tinted renders:** Prime reinforcement with tinted Putzgrund 610
- **Weathered reinforcement layers** (e.g. after winter break): Prime with Putzgrund 610.
- **All other substrates:** See Technical Information "Untergründe und deren Vorbehandlung" / "Substrates and their pretreatments".

Consumption

| Variations of Capatect Muresko-Fassadenputz | | | |
|---|-----------------|-------------------|-------------------------------------|
| Name affix | Texture | Grain Size [mm] | Consumption [kg/m ²] * |
| K15 | scraped plaster | 1.5 | 2.7 |
| K20 | scraped plaster | 2.0 | 3.3 |
| K30 | scraped plaster | 3.0 | 4.3 |

The exact rate of consumption is best established by trials.
 *) without spilling or loss on site; the substrate may affect consumption.

Application Conditions

Processing temperature for material, substrate and ambient air during application and curing: + 5 ° C to approx. 30 ° C. 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 % RH: surface-dry after approx. 24 hours. Cured, recoatable and ready for stress after 2 to 3 days.
 The render cures physically by evaporation of water. Drying time is extended by low temperature and high RH. Cover the scaffoldings with tarpaulins to protect the surface from rain during the drying phase (if necessary).

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

Please Note (Status as at Date of Publication)

If medical advice is needed, have product container or label at hand. Keep out of reach of children. Contains: 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. 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. Use A2/P2 combination filter for paint spraying.

According to European Regulation 528/2012 this product is defined as a "treated article" (not a biocidal product) and contains the following biocidal substances: carbendazim (ISO) (CAS-No. 10605-21-7), Isoproturon (CAS-No. 34123-59-6), terbutryn (CAS-No. 886-50-0), 2-octyl-2H-isothiazol-3-one (CAS-No. 26530-20-1)

See also **Material Safety Data Sheet (MSDS)**

Disposal

Product : Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities.
In Germany: Only completely emptied containers should be given 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. European Waste Code (EWC) 08 01 12
Contaminated packaging : Only completely emptied containers should be given for recycling.

Giscode

BSW50

Product Code Paints and Enamels

M-SF01F (outdated)

CE Labelling

CE labelling as per EN 15824: See bucket or www.caparol.de

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