

Caparol Fassadenputz R și K

Structured decorative plaster based on acrylic dispersions



Product description

Field of application	Caparol Fassadenputz is an acrylic dispersion based, structurable plaster with a type R - "scratched" or type K - "grain to grain" structure, recommended for application on exterior surfaces. Ideal as a finishing coat for thermal insulation systems. Surfaces with salt efflorescence, plastic or wood surfaces are not recommended.	
Properties	<ul style="list-style-type: none"> ■ Ready to apply ■ Easy application ■ Water vapour permeable ■ Weather and environmental resistant ■ Environmentally friendly, pleasant smelling ■ Robust ■ Water soluble 	
Packaging/Container capacity	25 kg	
Colour	White	
Gloss level	Mat	
Storage	Cold, dry and frost-free. Protect from direct sunlight. Valid for 24 months from date of manufacture, in original airtight containers.	
Technical data	<ul style="list-style-type: none"> ■ Adhesion to substrate ■ Water vapour permeability ■ Water absorption: ■ Adhesion after ageing 	<p>≥0,65 N/mm² Class V2 Class W2 ≥0,3 N/mm²</p>



Consumption

Product Name	Structure	Grain (mm)	Consumption cca. (kg/m ²)
Caparol Fassadenputz K10	Structure "grain by grain"	1,0	1,8
Caparol Fassadenputz K15	Structure "grain by grain"	1,5	2,4 – 2,7
Caparol Fassadenputz K20	Structure "grain by grain"	2,0	2,9 - 3,2
Caparol Fassadenputz K30	Structure "grain by grain"	3,0	3,8
Caparol Fassadenputz R20	Structure "scratched"	2,0	2,5 - 2,8
Caparol Fassadenputz R30	Structure "scratched"	3,0	3,0 - 3,2

These values are indicative and do not take into account material losses during application. The exact consumption is determined by sampling. Variations in these consumptions due to the characteristics of the substrate and application conditions must also be taken into account.

Attention: *Caparol Fassadenputz K10 can only be applied to facades in the area of the frames or the door frames around windows/doors. It is not recommended to apply to large areas or to the entire facade.*

Processing

Recommended substrates

Surfaces must be smooth, clean, dry, solid (fixed), load-bearing and free of separating substances. Observe VOB, chap. C, DIN 18363, paragraph 3.

Remove non-load-bearing surfaces of varnishes, dispersion paints or plasters based on synthetic resins as well as mineral paints without load-bearing capacity. Load-bearing layers are cleaned dry or wet. Mould, moss or algae are removed with a pressurised water jet in accordance with legal requirements.

The surface is thoroughly washed with Capatop and allowed to dry. Surfaces soiled by industrial fumes or soot are washed with a pressurised water jet with the addition of detergents, in accordance with legal requirements.

Material preparation

The material in the bucket must be mixed before application, using a low-speed mixer (max. 400 rpm).

Only materials with the same number of shingles/colours should be applied to the same surface, otherwise the materials should be mixed thoroughly to avoid different shades. Due to the use of natural raw materials, i.e. marble sand, it is possible that there may sometimes be grey or beige-brown coloured grains in the plaster. This is a property of the plaster and is not a cause for complaint.

Method of Application

The plaster is applied in an even layer, at grain thickness, with the stainless steel trowel. The freshly applied layer is processed with a plastic trowel or PU-board to obtain the desired structure: type K plaster is structured circularly, and type R plaster is structured horizontally, vertically or circularly. The tool chosen for structuring influences the final appearance of the surface, so the same tool must be used on the same surface. In the case of spray application, the choice of nozzle is made according to the grain size of the plaster. The working pressure should be 0.3 - 0.4 MPa (3 - 4 bar). Special care should be taken to ensure that the spray application is carried out in a uniform layer, avoiding overlaps of material between the floors of the scaffolding. In order to obtain a uniformly structured surface, adjoining surfaces shall be structured by the same applicator. In order to avoid visible overlaps (joints between layers) and unsightly streaks on the finished surface, a sufficient number of applicators per scaffold is required to apply the material 'wet-on-wet' without interruption in a single pass.

Surface Coating System

Before applying the decorative plaster, the surface is primed with Caparol Putzgrund, which has to be tinted in a similar shade to the decorative plaster. The primer or intermediate coat must be thoroughly dry before applying the top coat.

Thermal insulation systems

New mineral base coats:

Should be primed with Caparol Putzgrund.

New cement-free base coats:

Should be primed with Caparol Putzgrund.

Plastering of mortar groups P II and P III:

Can be finished after sufficient drying time, usually after 2 weeks, at approx. 20°C and 65% relative air humidity. In case of unfavourable weather conditions, such as wind or rain, a considerably longer drying time should be kept.

By additionally priming with CapaGrund Universal the risk of lime efflorescence is reduced, so that these plasters can be coated (finished) after only 7 days of waiting.

	<p>Old plasters: Subsequent plastering areas must be well set and dried out. Prime coarse, porous, absorbent, slightly sanding plasters with OptiSilan TiefGrund. Intermediate coat with Caparol Putzgrund . Use DupaPutzfestiger for heavily sanding, powdery plasters. Intermediate coat with Caparol Putzgrund.</p> <p>Concrete: Clean dirty or powdery concrete surfaces mechanically or with high pressure water jets in compliance with the legal regulations. Use OptiSilan tiefgrund on coarsely porous, light sanding or absorbent surfaces. On powdery surfaces, use Dupa-Putzfestiger. Intermediate coat with Caparol PutzGrund.</p> <p>Dispersion-based, load-bearing, matt paint surfaces Coat matt, slightly absorbent coatings directly. Clean soiled, chalking old paint coatings with high pressure water jets, observing the legal regulations. For other types of cleaning (washing, brushing off, hosing down), prime with Dupa-Putzfestiger. Intermediate coat with Caparol Putzgrund .</p> <p>Load-bearing silicate paints: Dye with Syllitol or AmphiSilan products.</p> <p>Cracked plaster or concrete surfaces: Dye with Cap-elast.</p> <p>In order to achieve the maximum colour fastness class over time - class A1 (according to BFS 26/2007), we recommend to apply a coating with Caparol Muresko SilaCryl coloured in shades from the Carbon-Edition A1 palette.</p>
Application Conditions	Processing temperature: + 5 °C to approx. 30 °C. for material, substrate and ambient air during application and curing. Do not apply in direct sunlight, during strong wind, fog, high relative humidity, and imminent rain or frost. If there is strong air movement on the component surface at the time of execution and drying, there is a risk of shrinkage cracks and pore formation in the finishing coat.
Drying/Drying Time	At +20°C and 65% relative air humidity, the plaster is surface dry after 12 hours and rainproof after 24 hours. It is deep dry and can be stressed after approx. 2-3 days. Lower temperatures and higher air humidity prolong the drying time. Plaster dries physically by evaporation of moisture. In cold season or in high humidity conditions, a longer drying time will be maintained.
Tool Cleaning	Clean immediately after use with water

Advice

Hazard statements/ Safety advice (valid at date of publication)	If it is necessary to consult your doctor, keep the container or product label handy. Keep out of reach of children.
Disposal	Contents and packaging are handed over for disposal in accordance with local, regional, national and international regulations.
Safety data/ Hazard identification and transport	See product safety data sheet.
EU permitted limit value for VOC content	This product contains max. 20 g/l VOC.
Product Code Paints and varnishes	M-DF02
Composition	Styrene-acrylic resin, Calcium carbonate, Silicates, Titanium dioxide, Water, Additives, Preservatives, Film protection.
Technical advice	Not all substrates encountered in practice and their technical preparation can be covered in this publication. If substrates not covered in this technical information need to be prepared, please consult Caparol technical support or our sales representatives. We are happy to provide detailed advice for each individual target.
Technical support	☎ 0800.800.600 e-mail: tehnic@caparol.ro

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This technical information has been edited based on our latest technical knowledge and experience. Due to the variety of substrate types and lens conditions, the purchaser/ applicator is obliged to check the compatibility of the product with the intended use and the individual application conditions at their own risk. In case of a newer edition, this document becomes invalid. Please inform yourself about the up-to-dateness of this technical information sheet on www.caparol.ro.