

## Kristallitputz W

Water-dilutable pure acrylate imitation wash rendering for exteriors with approx. 2.5 mm grain size.



### Product characteristics

#### Properties

- Suitable as plinth render
- For weatherproof and decorative exterior render surfaces
- Suitable to be applied onto all ALLFATHERM insulation systems
- Water-dilutable
- Highly weatherproof
- No yellowing
- Extremely robust
- Diffusion capable
- Very good application properties
- Inflammable building material C, s1, d0 as per DIN EN 13501-1
- Texture providing grain of "Colorit" quartz-granulate
- Maximum grain size: approx. 2.5 mm

#### Areas of application

Exterior only

### Material description

<b>Binder</b>	Pure acrylate dispersion
<b>Density</b>	ca. 1,7 kg/dm <sup>3</sup> kg/dm <sup>3</sup>
<b>Water absorption coefficient (w-value)</b>	[ 0,2 kg/(m <sup>2</sup> · h<sup>0,5</sup>)]0,5)
<b>Average consumption (short text)</b>	approx. 4,500 - 5,000 g/m <sup>2</sup>
<b>Average consumption</b>	The consumption varies depending on the application technique and the substrate. It is therefore advisable to determine the exact consumption figure by producing a sample area.
<b>Colour shade</b>	8 shades
<b>Storage</b>	Cool, but protected from frost
<b>Thinning</b>	Water

### Substrates

#### Suitable substrates

- All usual mineral substrates (renders/plasters, concrete, panels)
- Solid mineral and organic existing paint layers
- Renderings according to valid ETICS-approvals

#### Substrate conditions

The substrate must be clean, dry, frost-free, firm and sound as well as free from efflorescences, algae, moss, fungal attack, sinter layers and release agents. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3).

## Kristallitputz W

### Substrate conditions

#### Concrete

Remove forming oil, grease and wax by washing with surfactant. Remove any sintered layers mechanically. Check the absorbency of the concrete by wetting tests. In addition, the guidelines according to BFS Fact Sheet No.1 apply for exterior coatings and the guidelines according to BFS Fact Sheet No. 8 for interior coatings.

#### Fibre-cement:

Products of fibre-cement have to be primed water based. On exterior surfaces solvent-based primers may be used as well. For constructions showing inaccessible and uncoated rear sides and edges do only use water vapour permeable coatings. Since 01.12.2012 uncoated fibre-cement panels containing asbestos must no longer be coated according to the Ordinance on Hazardous Substances (GefStoffV). For asbestos containing fibre-cement the corresponding directives (in Germany TRGS 519) referring to the handling with asbestos have to be observed.

#### Base renders (exterior):

Mineral base renders must be thoroughly cured and dry, because otherwise discolouration, in particular with tinted following coats, may occur. As a rule of thumb assume 1 day drying time per mm of layer thickness, but correspondingly longer at low temperatures and high humidity. Excessive temperatures and low humidity also lengthen the setting process. Treat replastered locations with fluosilicate. In addition, the guidelines according to BFS Fact Sheet No. 9 apply.

## Application

### Application method

Application by trowel

### Coating system

**Intermediate coating** with Grundierfarbe WP thinned with water 2:1, tinted to match the colour of the subsequent plaster coating.

### Application

Stir the material well and, if required, add some water to obtain the appropriate working consistency. Then apply with a stainless steel trowel and draw off evenly down to the grain thickness. After a short setting time use a clean trowel and clean tap water to smooth down. Remove adhesive tapes while the coating is still wet.

### Application hints

Do not apply under a glaring sun, during strong wind or on warm substrates. In order to avoid the formation of laps, apply the material wet-on-wet.

### Note

Check tinted paint for colour accuracy prior to the application. Objections regarding the colour shade cannot be accepted after the application.

The figures given for parameters are average values. Due to the use of natural raw materials in our products, the actual value determined on the individual supplied product may differ slightly without affecting its suitability. These data refer to the white respectively standard product. Tinting may cause deviations.

With Kristallitputz W (imitation wash rendering) extreme moisture load can temporarily cause a visible whitish mist which disappears after the drying process of the façade.

### Practical hints

#### Masking Works

Always use UV-resistant adhesive tapes for exterior works. On completion of the coating, particularly with dispersion paints and / or higher layer thicknesses, immediately remove adhesive tapes, in order to avoid untidy contours.

#### New mineral Substrates

New mineral substrates may only be coated after setting and drying, not earlier than after 14 days, better after 4 weeks. In unfavourable drying conditions, the waiting period can be prolonged.

#### Horizontal surfaces

Exterior horizontal surfaces such as mural crowns, cornices, windowsills etc. must be professionally protected with appropriate covering material, e.g. from metal or stone, in order to prevent dirt stains and moisture damage of the coating.

#### Weather Conditions

Do not apply under a glaring sun, during strong wind or on warm substrates. With fresh, primarily tinted mineral coatings, sharp shadows might lead to disturbing colour differences. Protect the fresh coating from moisture. If necessary use protective tarpaulins.

#### Continuous Surfaces

Before processing on continuous surfaces, especially with tinted material, check for colour consistency or mix the required quantity in advance. In order to avoid laps, apply wet-on-wet.

## Kristallitputz W

<b>Temperature limit</b>	Between + 5° C and + 30° C for substrate and ambient air during processing and drying. The fact sheet "Rendering, thermal insulation, surfacing and coating at high and low temperatures" published by the German Association Construction and Colour should be observed.
<b>Drying time</b>	At + 20° C for substrate and ambient air and 65% relative humidity surface dry after approx. 24 hours. Final hardness after approx. 7 days. Lower temperature extend the drying time.
<b>Tool cleaning</b>	Immediately after use with water

### Information

<b>Hazard statements and safety advice</b>	May cause an allergic skin reaction. If medical advice is needed, have product container or label at hand. Keep out of 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. Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, 2-oc-tyl-2H-isothiazol-3-one.
<b>Declaration of ingredients</b>	Poly acrylate dispersion, titanium dioxide, calcium carbonate, siliceous fillers, water, additives, preservatives (benz-isothiazolinone, methylisothiazolinone)
<b>Observe safety data sheets</b>	Further details: See Safety Material Data Sheet (MSDS)
<b>WHC</b>	1 (weakly water-polluting)
<b>Waste disposal</b>	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.

### Container size

Content		EAN code	Article no.
25 KG	Farbton 510	4002822031138	937444
25 KG	Farbton 520	4002822031145	937445
25 KG	Farbton 530	4002822031152	937446
25 KG	Farbton 540	4002822031169	937447
25 KG	Farbton 550	4002822031176	937448
25 KG	Farbton 560	4002822031183	937449
25 KG	Farbton 570	4002822031190	937450
25 KG	Farbton 580	4002822031206	937451
25 KG	Farbton 590	4002822031213	937452

### System specific and system completing products

Grundierfarbe WP

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBERWERKE.