

# Secure

## Product description:

Acrylic-based high-performance facade paint with ultra absorbent functional fillers for ideal and permanent moisture management on the facade. Provides ideal protection against premature algae growth and fungal infestation. Displays excellent adhesion.

## Application:

Outdoors. Very versatile acrylic facade paint. Particularly for mineral plasters according to DIN EN 998-1 (minimum pressure resistance 2.0 N/mm<sup>2</sup> = mortar group PII-PIII according to DIN 18550), viable old coatings, weather-beaten but intact plasto-elastic old coatings and excellently suitable for reworking EIFS. Not for varnish-type surfaces, wood, synthetics and surfaces contaminated with salt.

## Properties:

- absorbs condensation
- hydrophilic surface
- not susceptible to algae growth and fungal infestation
- hydrophobic core
- resistant to driving rain
- high water vapour permeability
- low tendency of soiling
- extremely weatherproof
- high colour stability (category: A according to BFS Bulletin 26)
- high colour saturation
- mineral matte surface appearance
- excellent adhesion
- water-dilutable

The special binding agent/filler combination with a hydrophilic surface and hydrophilic core prevents the formation of condensation on the facade and in doing so, deprives microorganisms of being able to develop. Furthermore, the coating film has an additional film preservative against algae growth and fungal infestation.

## Important information:

The effect of the film preservative used depends on the construction of the building, the ambient temperature and adherence to the specified coating system. The effect is temporary.

## Technical specifications according to DIN

### EN 1062:

Gloss: matte	G3
Dry film thickness: > 150 < 200 µm	E3
Max. grain size:	S2
Water vapour permeability (sd value):	V1
Water permeability (w value):	W3
Crack bridging: no requirement	A0

### Binding agent basis:

Acrylic-based

### Spec. weight:

Approx. 1.3 g/ml

### Gloss level:

Mineral matte (slight lustre in glancing light)

### Shade of colour:

White and can be tinted using the MEGA Mix paint mix service. The delivered colours must be checked for colour accuracy before application. Please observe BFS Bulletin no. 25. Tinting can result in a change in the promised properties. Colour shades can change over the course of time depending on pigment content, exposure to light and existing surface (e.g. material containing plasticisers).

### Packaging size:

12.5 l

### Application:

With paint roller, brush and airless sprayer. Stir the material well before use. Do not apply below +8 °C air and surface temperature. Do not apply in direct sunlight, strong winds or to warm surfaces. Apply MEGA 404 Secure wet-on-wet.

### Surface:

The surface must be clean, dry, firm and viable. Non-adherent old coats of paint, blooming, discolouration, fungal infestation, fine-grain layers, chalklike layers as well as separating substances must be completely removed. Please observe the guidelines of the VOB, Part C, DIN 18363, sec. 3. Sandy or highly absorbent surfaces must be pretreated with MEGA 271 Hydrosol EKF.

## Technical specifications

### Dilution:

With water up to a max. of 5 %.

### Cleaning the tools:

Clean immediately after use using water.

### Drying process:

Surface dry and paintable after approx. 6 hours at +23 °C and 50 % rel. humidity. The drying process takes significantly longer at lower temperatures and/or higher humidity. The surface must be protected against moisture during the drying process.

### Consumption:

Approx. 150 - 200 ml/m<sup>2</sup> for one coat depending on the surface. Exact consumption data for the calculation must be determined on the object.

### Airless spraying:

Nozzle: 0.019

Pressure: max. 100 bars

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**General information**

**Processing temperature:**

At least +8 °C for air and surface. Do not use over +25 °C.

**Special information:**

Two coats are required outdoors, to maintain the warranted properties and to achieve good repair properties. Marks on the repaired spot cannot be prevented when making repairs on the surface (refer to BFS Bulletin no. 25). Not suitable for horizontal surfaces subjected to water. Water-soluble auxiliary agents can be washed out if moisture caused by dew, fog, rain and particularly by driving rain penetrates the surface during the drying time. At worst, these can become visible in the form of sticky, slightly glossy smears. Mechanical stress can lead to colour changes in the case of tinted coatings, the so-called writing effect or filling agent/pigment breakdown. This does not have a negative effect on the weather resistance.

**Information on algae and fungi:**

This product is equipped with a preventive film preservative against quick algae growth and fungal infestation. A sufficient coating thickness with two coats is required, to achieve a long duration of effect of the film preservative. The duration of effect depends on the object conditions, moisture penetration and the frequency of infestation. According to the state of technology, permanent prevention of algae growth and fungal infestation cannot be ensured. Observe the safety instructions for sprayer application. Areas with dense plant growth have a particularly high risk of infestation and the special effect of the Aquabran® technology cannot provide for an ideal dry facade here.

**Storage:**

Cool however, frost-free. Can be stored for at least 24 months unopened.

**Declaration of the substances of content:**

Acrylic dispersion, titanium dioxide, calcium carbonate, silica based filling agents, preservatives, water, additives

**Information on disposal:**

Only give fully empty containers to recycling. Give liquid material residues to an authorised collection point for used paints/varnishes. Dried up material residues can be disposed of as hardened paints or as household waste. EWL waste code no. 080112.

**EU threshold value for this product:**

Product category: A/c  
40 g/l VOC (2010)  
This product contains a max. of < 1 g/l VOC.

**GISCODE:**

BSW 50

**Observe the safety data sheet!**

