

PROTECT – Facade Paint

Product description

PROTECT Facade Paint is a driving-rain proof, dirt-repellent and highly opaque facade paint free from algicides, fungicides, solvents and plasticisers. **PROTECT Facade Paint** is a ready-for-application, slightly filling facade paint for initial and renovation paint coats on plaster, fair-faced masonry, concrete and fixed mineral paints.

> Technical data and characteristics

Colour	Bright white, matt
Specific weight	1.42-1.46 kg/l
Base	Dispersion, mineral, titanium dioxide
pH value	10.5 – 11.4
s _d value [m]	0.03
Dilution	Product is ready to use and anti-drip. To be used undiluted in normal applications. If required, dilute with max. 5 % water.
Consumption	Approx. 125-150 ml/m ² , depending on the surface type. Determine exact consumption for the calculation on the object.
Application	Brush, roller or spray
Drying	Dry surface after approx. 1 h; painting possible after approx. 8 h, hard-dried after 2-3 days. At lower temperatures and/or higher humidity, the drying time is extended.
Dilution	with a maximum of 5% of water
Contrast ratio (hiding power)	Class 1 according to DIN EN 13300 with a spreading rate of 7 m ² /l
Wet rub resistance	Class 2 according to DIN EN 13300 corresponds to abrasion resistance according to DIN 53778
Tinting	with a maximum of 5% of customary full-tone and tinting colours (no tinting possible with tinting colours for mineral colours!). Adding tinting colours and tinting pastes will result in changes to the advertised characteristics.

> Logistics and safety instructions

Form of delivery	12.5 l bucket
Storage	PROTECT Facade Paint should be used within 12 months when stored in a cool, dry location free from frost in the closed container.
Safety instructions	See safety data sheet.

Product data sheet 01/04/2019

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Information

This product data sheet contains advices to the best of our knowledge and replaces all previous product data sheets. Its content, however, is not legally binding.

Surfaces

The surface must be clean, dry and viable. Observe the guidelines of VOB (Construction Tendering and Contract Regulations), part C, DIN 18 363, sec. 2 and 3 as well as the BFS information sheets. Remove non-adhesive old paints completely. Treat algae and mould chemically and remove residues. Remove dust, loose parts of plaster, old, non-sticking coatings and sinter layers. Clean intact old paint layers. Resistant against alkaline substrates, but wait 4 weeks before coating new, highly alkaline plasters. Insulate expected penetrations on the basis of nicotine, rust or other substances beforehand. Prime chalky old paints and highly absorbent mineral surfaces (e.g. plasters, gypsum blocks) with the **DEEP primer**.

Tinting

Up to a maximum of 5% with adequate tinting and full-tone colours (no tinting possible with tinting colours for mineral colours). Check the compatibility in each single case. Apply mixed product immediately. Tinting can change the defined characteristics. In the case of adding higher quantities of tinting colours or mixing pastes, the product might thicken and shrinkage cracks might appear in the dried paint film.

Application

PROTECT Facade Paint can be applied with roller, brush and airless equipment. In most cases, one single coat is sufficient. On areas with a high contrast, a preliminary base coat, diluted with max. 5% water, might be required. Product is ready to use and anti-drip. Stir lightly before use only what's needed and apply undiluted (dilute with a maximum of 5% of water if required). Only when dried, the product reaches its complete opacity. Reworking too early might cause seams and/or differences in the opacity (risk of striation, especially in the area of ceilings). To avoid seams, coat wet on wet in one go. Do not apply and dry at temperatures below + 10 °C and/or relative humidity > 80 %. In order to guarantee the same shade of colour, use only material with the same batch no. and the same mixing ratios on one surface. Always make test coats before use.

For initial coat:

- On absorbent surfaces: 1 x **DEEP Primer** or, in the case of need, diluted **PROTECT Facade Paint** plus 1 x **PROTECT Facade Paint**
- On lightly absorbent surfaces: 1 x **PREPAIR Base/Primer** plus 1 x **PROTECT Facade Paint**
- On non-absorbent surfaces: 1-2 x **PROTECT Facade Paint**

Renovation coat:

- On firm surfaces which have been prepared accordingly: 1 x **PREPAIR Base/Primer** plus 1 x **PROTECT Facade Paint**

Important notes

- All standard precautions for the handling of construction materials/chemicals must be taken. See CASEA safety datasheet for detailed info.
- Protect skin and eyes during application. After contact with the eye, rinse it thoroughly under running water for a sufficient period of time. In the case of noticeable aftereffects, consult an ophthalmologist.
- Do not apply and dry at temperatures below + 10°C and/or relative humidity > 80% related to the surface and the ambient temperatures.
- Stir thoroughly before use. Close container well after use.
- Clean tools with water immediately after use.
- Information for disposal: Residual amounts in completely dried condition can be disposed of as domestic waste or construction waste. Appropriately harden larger quantities and dispose of in the same way; relevant local regulations have to be considered. Recycle only completely emptied containers. Waste List Regulations (AVV): 08 01 11
- Protect treated components and areas from unfavourable weather conditions (strong sunlight, wind, driving rain, frost, etc.).
- GISCODE: M - DF01 (Emulsion paints, solvent-free)
- EU limit value for this product (cat. A/a): 30 g/l (2010). This product contains a maximum of 0.4 g/l VOC
- Declaration of ingredients according to the VdL guideline about building paint substances (by the Association of the German Paint and Printing Colour Industry): Water, pure acrylate dispersion, calcium aluminate sulphate (CASUL), calcium carbonate, titanium dioxide, cellulose derivatives, wetting agents and dispersants, anti-frothing agent, emulsion of a modified polysiloxane resin.

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