

Alsicolor Hydroelast

Elastic paint for repair work and decorative profiles



AREAS OF APPLICATION

Repair of fine cracks in render surfaces, finishes, butt and bed joints.

Reworking of colouring on decorative profiles Faceboard LG and Faceboard EPS.

Not for application on renders in render mortar group I according to DIN V 18550 or CS I according to DIN EN 998.

PRODUCT PROPERTIES

- High level of protection against carbonation
- Increased crack bridging ability
- Highly elastic, even in temperature range between 0 °C and -20 °C
- Weatherproof, resistant to water penetration under driving rain
- Water-vapour permeable
- Water-repellent
- Colour can be converted
- Silk matt
- Multitude of colour design options according to the alsecco-Creative-Color system
- Airless spraying possible

TECHNICAL DATA

Binder base	100% acrylic
Specific gravity	approx. 1,3 g/cm ³
Diffusion resistance	$s_d > 50$ m against CO ₂ $s_d < 4$ m against H ₂ O vapour
Water permeability	$w \leq 0,012$ kg/(m ² h ^{1/2}) according to DIN EN 1062
Opacity	approx. 90 %
VOC value	EU limit value for the VOC content of this product (cat.A/c): 40 g/l (2010). This product contains a max. of 40 g/l VOC.

APPLICATION INSTRUCTIONS

Substrate pre-treatment All substrates must be dry, stable, clean and free of any residue, which can reduce adhesiveness.

Prime highly absorbent substrates, which are to be reinforced, with Hydro penetrating primer.

Application for repairworks

Filler layers should be at least 5 days old.

Coat repaired, trowelled surfaces with three coats of Alsicolor Hydroelast.

1st layer

Dilute Alsicolor Hydroelast with 20% of water.

Can be applied using a brush, roller or spraying.

Minimum application quantity of diluted material: approx. 230 g/m² or 190 ml/m².

2nd and 3rd layer

Undiluted after drying of the previous coat.

Minimum application quantity of diluted material: approx. 230 g/m² and layer or 190 ml/m² and layer.

**Application for decorative profiles
Faceboard LG and Faceboard EPS**

Can be applied using a brush, roller or spraying.

Three layers of Alsicolor Hydroelast are required, whereby fully saturated polyester matting K 30 is inserted in the second layer, on the surface of decorative profiles with a projection of more than 10 cm, which are not subsequently flashed.

1st layer

Minimum application quantity of diluted material:

on Faceboard LG: 600 g/m² or 450 ml/m²

in Faceboard EPS: 270 g/m² or 200 ml/m²

2nd and 3rd layer

Undiluted after the drying of the previous coating. If polyester matting K 30 is inserted, the second layer must be applied wet-on-wet.

Minimum application quantity of undiluted material: approx. 270 g/m² and layer or 200 ml/m² and layer, for insertion of polyester matting K 30 approx. 320 g/m² or 250 ml/m² in this layer.

Dilute Alsicolor Hydroelast with 20% of water.

Consumption

Layer	Faceboard LG	Faceboard EPS
1	450 ml or 600 g	200 ml or 270 g
2	without Polyestervlies K 30: 200 ml or 270 g with Polyestervlies K 30:	without Polyestervlies K 30: 200 ml or 270 g with Polyestervlies K 30:



	250 ml or 320 g	250 ml or 320 g
3	200 ml or 270 g	200 ml or 270 g

	Determine the precise material requirements by means of a trial coating on the object.
Information about the weather	There cannot be temperatures below + 5 °C during application and drying. The initial surface tack is product specific and breaks down quickly under the influence of the weather/UV exposure.
Drying time	approx. 4 - 8 hours Dependent on temperature and relative humidity.
Cleaning of tools	In a fresh state with water.
Application by machine	Please request special information regarding machine processing.

STORAGE

Shelf life in original sealed packaging of at least 1 year when kept cool and protected against frost.

PACKAGING INFORMATION

Colour	White and pigmented.
Packaging unit	PP bucket approx. 15 l

OTHER INFORMATION

If the substrate is dense and cool or if the drying process is delayed due to adverse weather conditions, the effect of moisture (rain, dew, mist) can cause additives to rise to the surface of the coating. The effect is dependent on the intensity of the colour. These additives are water-soluble and are automatically removed with sufficient water, e. g. in the course of further weather. This does not impair the quality of the dried coating.

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Giscode	M-DF02 latex paints

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.



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