

Hydroelast 2000-Paint

Flexible paint for concrete repair and protective systems, as well as for decorative profiles

Areas of application	<p>Repair of fine cracks in plaster surfaces, cracks in the plaster shell and cracks in horizontal and vertical joints. Used in the alsecco anti-cracking system for the protection of concrete and as surface protection. Painting of decorative profiles.</p>	
Product properties	<ul style="list-style-type: none"> ■ High protection against carbonation ■ Increased crack-bridging capability ■ Highly flexible, even in the temperature range between 0°C and -20°C ■ Weather-resistant, proof against driving rain ■ Water-vapour permeable ■ Water-repellent ■ Can be stained ■ Silk-finish ■ Wide range of design options using the alsecco-Creative-Colour-System 	
Technical data	Binder base	Pure acrylate
	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
	Capillary water absorption	$w < 0,012$ kg/(m ² h ^{1/2}) to DIN 52617
	Opacity	approx. 90 %
Application instructions	Substrate pre-treatment	<ul style="list-style-type: none"> - All substrates must be dry, sound, clean and free from adhesion-reducing residue. - Apply Hydroelast 2000-Primer to substrates that need to be stabilised and to highly absorbent substrates.

Application instructions

Used within the concrete protection range of applications

- The Alcret 153 filler coats should be at least 5 days old.
- Repaired surfaces that have been filled with Alcret 153 must be given three coats of Hydroelast 2000-Paint.

1st application

- Thin Hydroelast 2000-Paint with 20 % water.
- Apply by brush, roller or as spray.
- Minimum amount of unthinned material applied: approx. 230 g/m² or 190 ml/m²

2nd and 3rd application

- Unthinned after the previous coat has dried, leaving an interval of at least 3 hours.
- Minimum amount of unthinned material applied: approx. 230 g/m² and operation or 190 ml/m² and operation.

Application within the Hydroelast 2000 anticrack reinforcement system

Fine surface cracks in plaster and concrete

- **Without intermediate coating**
 - Pre-coat with Hydroelast 2000-Paint, diluted with 20 % of water.
 - Intermediate coat of Hydroelast 2000-Paint, unthinned.
 - Final coat of Hydroelast 2000-Paint, unthinned.
- **With pore-filling intermediate coating**
 - Fill with Hydroelast 2000-Filler, thinned with 5 % water max..
 - Two coats with Hydroelast 2000-Paint, not thinned.

Cracks in the plaster shell, in vertical and horizontal joints

- Apply Hydroelast 2000-Reinforcement Filler with Detail Mesh.
- Two coats of Hydroelast 2000-Paint, not thinned, alternatively Hydroelast 2000-Render.

Application instructions	Application within the Hydroelast 2000 anticrack reinforcement system	<p>Cracks caused by deformation</p> <ul style="list-style-type: none"> - Enlarge the cracks. - Use Hydroelast 2000-Primer to prime the flanks of the cracks. - Apply Hydroelast 2000-Reinforcement Filler with Detail Mesh. - Apply Hydroelast 2000-Sub Primer. - Two coats of Hydroelast 2000-Paint, not thinned, alternatively Hydroelast 2000-Render.
	Used within the decorative profile range of applications	<ul style="list-style-type: none"> - Apply by brush, roller or as spray. - Two coats are usually applied as standard. - Three coats of Hydroelast 2000-Paint must be applied to the upper side of decorative profiles with a projection of more than 10 cm. <p>1st application</p> <ul style="list-style-type: none"> - Thin Hydroelast 2000-Paint with 20 % water. - A well-saturated Polyester Fleece K 30 must be embedded on the upper side of decorative profiles with a projection of more than 10 cm. - Minimum amount of unthinned material applied: approx. 230 g/m²and operation or 190 ml/m²and operation. <p>2nd and 3rd application</p> <ul style="list-style-type: none"> - Unthinned after the previous coat has dried, leaving an interval of at least 3 hours. - The second coat must be applied wet in wet over the embedded fleece on the upper side of decorative profiles with a projection of more than 10 cm. - Minimum amount of unthinned material applied: approx. 230 g/m²and operation or 190 ml/m²and operation.
	Consumption	<p>approx. 190 - 200 ml per coat per m² approx. 240 - 260 g per coat per m² Determine the exact amount of material required by coating a test area on site.</p>
	Information about the weather	<p>The temperature must not fall below + 5 °C during application and drying. The initial surface tackiness is product-specific and is rapidly reduced as a result of the influence of the weather and UV radiation.</p>
	Drying time	<p>approx. 4 - 8 hours Dependent on temperature and relative humidity</p>
	Cleaning of tools	<p>With water while product is still fresh</p>
	Application by machine	<p>Please ask for our special information sheet on machine application.</p>

Packaging	Article number	08451
	Packaging unit	PP tub 15 l
	Colour	White and pigmented
Other information	Transport	Not a hazardous product
	Storage	Minimum storage life of 1 year if kept cool, protected against frost and in the original sealed packaging.
	Information on safety	We will be pleased to provide the EC safety data sheet on request.