



## EUROPAINT Elastic

Crack-bridging, cold-resilient dispersion paint for outdoor use

### Product description

**EUROPAINT Elastic** is a highly resilient dispersion paint for resilient, crack-bridging, weatherproof facade coatings.

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### Area of application

- for outdoor use
- as undercoat and topcoat for cracks up to max. 1.0 mm
- **EUROPAINT Elastic** is suitable for crack up to 1.2 mm wide (Class A 3 in accordance with EN 1062-7) when applied in two coats
- for best results, apply two coats  
not suitable for horizontal or sloped surfaces
- do not apply to substrates and surfaces containing lime in mortar groups PI (DIN 18550) and CS1 (in accordance with EN998-1) with strengths under 1 N/mm<sup>2</sup>
- do not apply to surfaces that are contaminated with plasticizers and paraffin (e.g. partially removed paint stripper)

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### Product characteristics

- special, UV-curing, highly resilient, dispersion paint  
outstanding soiling resistance for such a highly resilient facade paint
- excellent coverage
- highly water-repellent
- permeable to water vapour
- resilient to cold
- satin finish
- with film preservation which slows down and prevents algae and/or fungus infestation
- permanent absence of algae and/or fungus infestation cannot be guaranteed

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### Colour

White, with pigmentation upon request

Colour stability:

The surface of coatings can change over time due to weathering, moisture, UV irradiation and deposits which can



result in colour changes. This is a dynamic process that is influenced purely by climatic conditions and also exposure. The specific current national regulations, technical bulletins, etc. apply.

#### Cracking of filler material:

With dark, intense colours, mechanical stressing of the coating surface can cause the colour to become lighter at these points due to the use of natural filler materials. This does not affect the quality or function of the product.

#### Colour accuracy:

Due to chemical and/or physical setting processes under different weather or project conditions, uniform colour accuracy and absence of spots cannot be guaranteed, especially in the event of:

- a. uneven substrate absorption
- b. varying moisture content in the surface of the substrate
- c. significant local variations in the substrate alkalinity/ingredients
- d. exposure to direct sunlight where sharp contrasts between shadow and light occur on the newly-applied coating.

#### Emulsifier erosion:

As the coating sometimes takes longer to dry due to prevailing conditions, dew, fog, water spray or rain can affect the surface (traces of leaks) in the initial weathering period due to water-soluble additives in the incompletely dry coatings. Depending upon colour intensity, this effect can vary significantly. This does not affect the quality of the product. As a rule, these effects will disappear of their own accord as they continue to weather.

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#### **Substrate preparation**

The substrate must be solid, dry, clean, sound and free of sintered layers, efflorescence and substances that prevent good adhesion. Moisture or incompletely set substrates can result in damage such as blistering or cracks in subsequent coatings. Examine soundness of existing coatings. Remove unsound coatings.



## Primer

Stabilise absorbent surfaces with EUROPAINT Penetrating Primer LF. Observe the technical information prior to processing.

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## Handling

Lowest substrate and air temperature +5 °C  
Maximum substrate and air temperature +30 °C  
Dilute undercoat with max. 2% water.  
Do not dilute topcoat.  
Adjust working consistency using as little water as possible.  
Stir well before use. When the coating is applied mechanically, the addition of water must be adapted to the specific machine/pump. As a rule, intense colours require less water to optimise material consistency.  
If the material is over-diluted, this adversely affects processing and properties (e.g. coverage, colour).

### Build-up of coatings:

Base coat:

Depending on substrate type and condition.

Undercoat: **EUROPAINT Elastic**

Topcoat: **EUROPAINT Elastic**

Drying is delayed by high humidity and/or low temperature.

As a basic principle, in unfavourable weather conditions suitable protective measures (e.g. rain protection) must be undertaken at the surfaces to be worked on or freshly completed surfaces.

At an air and substrate temperature of +20°C and 65% relative humidity, re-coating can take place after approx. 12 hours.

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## Giscode

M-DF02 dispersion paints

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## Cleaning

The tools/airless devices must be cleaned with water immediately.  
Mechanical cleaning will be required if the material has fully cured.



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**Consumption**

Application consumption

Per coat: approx. 0.35 - 0.45 l/m<sup>2</sup>

With two coats: approx. 0.70 - 0.90 l/m<sup>2</sup>

Material consumption depends upon handling, substrate and consistency. The stated consumption values are for guidance only. The exact consumption depends on the specific project.

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**Packaging**

**EUROPAINT Elastic**

is delivered in 15 l tubs.

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**Storage and shelf life**

Store in a cool, dry place

(+10°C to +25°C). Under these conditions, the shelf life of unopened and undamaged original containers is 24 months.

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**Special instructions/protective measures**

Store out of reach of children. In the event of contact with skin and eyes, thoroughly flush with water immediately. When using spraying methods: Do not breathe paint mist and wear respiratory protection when ventilation is inadequate. Always read labels and product information before use. Keep away from drains, bodies of water and soil. Carefully cover all surfaces not being painted.

Remove paint splatter of any kind from surfaces with water while still wet. Completely empty containers can be returned to the KBS/Interseroh recycling system.

Further instructions can be found in the safety data sheet. Harmful to water organisms, can have a long-term harmful effect in bodies of water.



Technical data*		
Technical properties	Unit	Value
Binder basis		Plastic dispersion
Pigment basis		Titanium dioxide
Number of components		1-component
Gloss level		Satin finish
Water vapour permeability (V3 low)	m	1.6
Water permeability (W3 low)	kg/(m <sup>2</sup> h <sup>0.5</sup> )	< 0.1
Density	g/cm <sup>3</sup>	1.3 to 1.5
Processing temperature	°C	+ 5 to + 30
Drying time (23°C, 50%, relative)	h	approx. 8 to 12
Drying time is longer at low temperatures or with higher humidity.		

\* These are approximate values. The values are not intended for the preparation of specifications.

The data was determined at +23°C and 50% relative humidity. These times may be longer or shorter at higher temperatures and/or relative humidities. All technical data, measurements and information in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.

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