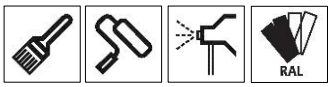
Technical Data Sheet

StoCryl Elastocoat II

Water-based, liquid applied acrylic polymer coating



Characteristics

Area of application

- Vertical wall
- Concrete rooftop
- Re-coating of metal / clay roof tiles, expansion joint
- Refurbishment of old roof
- As a secondary roof top waterproofing system

Properties

- Good weathering and waterproofing properties
- UV resistance
- Excellent adhesion strength
- Good sealant to fill building cracks
- Ease of application with no mixing required

Application method

- Apply with brush, roller or airless sprayer

Technical Data

Criteria	Standard / test specification	Value / Unit	Notes
Specific gravity	ASTM D1575	1.25 g/cm^3	
Solids content	ASTM D2369	65 %	
Water penetration	DIN 1048	0 mm	
Adhesion to substrate		1.20 N/mm^2	
Tensile strength	ASTM D 412	3.0 N/mm^2	
Elongation	ASTM D 412	300 %	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Application

Substrate Preparation

The substrate to be treated must be dry, clean and free from dust, dirt, grease, moss, lichen or any other deleterious matters.

Coating Procedure

Priming

Mineral substrate:

Dilute StoCryl Elastocoat II with up to 30 % of clean water and apply as a primer at 0.5 lit/m^2. Leave to dry before recoating.

Steel metal substrate:

Prime with suitable Sto Steel Primer.

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Coating Procedure (continued)	Placing Apply a layer of body coat directly from the can without dilution. Immediately thereafter, roll in the fibreglass mesh and apply another intermediate coat Allow to dry for about 1 - 2 hours. Apply a final coat of StoCryl Elastocoat II to create the desired film thickness.
Application	
Curing Time	Approx. 12 hrs
Drying Time	Approx. 4 hrs
Consumption	The coverage rate is approximately 0.5 – 1.0 lit/m^2 per coat.
Application Temperature	Minimum application temperature + 8 ^oC Maximum application temperature + 45 ^oC
Cleaning Tools	Tools must be cleaned immediately after use with clean water.
Delivery	
Colour	Available in White & Grey and tinted to all colours from Sto standard RAL range (except RAL 1023)
Packing	StoCryl Elastocoat II is available in 20 lit pail.
Storage	
Storage life / conditions	The shelf life of StoCryl Elastocoat II is approximately 12 months if stored in cool dry conditions.
Special notes	
Health & Safety	Please refer to Safety Data Sheet
Technical Support	Please consult the local sales office for further information and any site assistance required.
	The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use. Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products. When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on www.sto-sea.com.

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