

Technical Data Sheet

StoCryl SCC

Standard polymeric curing membrane



Characteristics

- Area of application**
- Suitable for curing large areas of concrete construction such as :
 - Runways
 - Industrial concrete floors
 - Motorways
 - Bridgeworks
 - Literally all exposed cement based surfaces

- Properties**
- Meets ASTM C309 type 1 class A requirement
 - Reduces surface shrinkage and crazing in concrete
 - Ease of application hence reducing labour cost
 - Enables cement to hydrate to give maximum strength development
 - Cost effective with excellent curing efficiency
 - Eliminates need for messy damp hessian or polythene sheets
 - Contains water based non-hazardous material

- Application method**
- Apply using a sprayer

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Criteria	Standard / test specification	Value / Unit	Notes
Water retention	ASTM C156	< 0.55 kg/m ²	
Density	ASTM C1475	0.94 – 0.98 g/cm ²	
Non-volatile content	ASTM D1644	12.5 – 13.5 %	
Flashpoint	ASTM D93	> 60 °C	

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

- Coating Procedure**
- As soon as the initial surface sheen has disappeared from the placed concrete, apply immediately with StoCryl SCC using a sprayer.
- When using a sprayer, the nozzle should be held approximately 500mm from the surface and passed back and forth to ensure complete coverage. The pressure on the pump must be maintained at all times to produce a fine spray.
- Do not apply StoCryl SCC to concrete which has started to dry out. Under these circumstances, the surface should be dampened using a fine water spray prior to application, otherwise permanent staining may occur.
- The curing membrane formed by StoCryl SCC will start to disintegrate approximately 30 days after application. The time for total disintegration depends on weather and traffic conditions as well as thickness of the film applied.

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Consumption	The coverage rate of StoCryl SCC is approx. 5 m ² / litre.
Application Temperature	Minimum application temperature + 8 °C Maximum application temperature + 45 °C
Cleaning Tools	Tools must be cleaned immediately after use with clean water.
Delivery	
Colour	Milky White
Packing	StoCryl SCC is available in 25 litre, 210 litre
Storage	
Storage life / conditions	The shelf life of StoCryl SCC is approximately 6 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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*Product images may differ from the actual product.