

Technical Data Sheet

StoCryl SCC Supreme

Polymeric curing membrane for subsequent finishes



Characteristics

Area of application	Suitable for curing large areas of concrete construction such as : <ul style="list-style-type: none"> • Runways • Industrial concrete floors • Motorways • Bridgeworks • Exposed cement based surfaces
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Properties	<ul style="list-style-type: none"> • Meets ASTM C309 type 1 class A requirement • Reduces surface shrinkage and crazing in concrete • Easy to apply and reduces labour costs • Enables cement to hydrate for maximum strength development • Cost effective with excellent curing efficiency • Eliminates the need for messy, damp hessian or polythene sheets • Contains water based non-hazardous material
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Technical Data

Criteria	Standard / test specification	Value/ Unit	Notes
Water retention	ASTM C156	< 0.55 kg/m ²	
Density	ASTM C1475	0.99 (± 0.1) g/cm ²	
Non-volatile content	ASTM D1644	> 12.5 %	
Flashpoint	ASTM D93	> 63°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

Application temperature	Lowest application temperature: +8°C Highest application temperature: +45°C
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Material Preparation	Use exactly as supplied with no mixing or dilution required.
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Consumption	Type of application	Approx. consumption
	Coverage rate	5 m ² / litre

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a guide. If required, determine precise consumption values on the basis of the specific project.

Application method	Apply using a sprayer.
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Application

1. As soon as the initial surface sheen has disappeared from the placed concrete, apply immediately with StoCryl SCC Supreme using a sprayer.
2. 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.
3. Do not apply StoCryl SCC Supreme 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.
4. The pigmented membrane formed by StoCryl SCC Supreme 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

Cleaning the tools

Tools must be cleaned immediately after use with clean water.

Notes, recommendations, special information, miscellaneous

Please consult the local sales office for further information and any site assistance required.

Delivery

Colour Light Pink, Blue

Packaging

Name	Packing
StoCryl SCC Supreme	5 lit
StoCryl SCC Supreme	25 lit
StoCryl SCC Supreme	210 lit

Storage

Storage conditions Store in cool dry conditions; avoid direct sunlight.

Storage life This product has a shelf life of 12 months from the manufacturing date.

Identification

Product group Curing Compound

Safety Please refer to Safety Data Sheet.

Special Notes

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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StoCryl SCC Supreme

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*Product images may differ from the actual product.