

Technical Data Sheet

StoCryl TI

Solvent-based, deep concrete impregnator



Characteristics

- Area of application**
- Facades
 - Precast concrete elements
 - Exposed concrete surfaces
 - Bridge structures
 - Tunnels
 - Jetties

Properties

- Extremely low viscosity and high capillary action
- Deep penetration into substrate
- Non-staining
- Non-film forming
- Reacts with dampness in the concrete forming a hydrophobic surface lining in the pores and capillaries
- Reduces ingress of water and yet permits the concrete to breath (water vapour transmission)
- Reduces penetration of soot and grime
- Resistant to chloride ingress

Application method

- Apply by brush or roller or sprayer

Technical Data

Criteria	Standard / test specification	Value / Unit	Notes
Density		0.81 g/cm ³	
Viscosity @ 23 °C	Rotation viscometer	10 mPass	
Flashpoint		44 °C	
Initial surface absorption @ 60 mins		0.002 ml/m ² /sec	

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 surface to be impregnated must be clean, dry and free from oil, grease, dust, laitance and loose particles.
Mechanical pre-treatment is generally not necessary.

Coating Procedure

StoCryl TI is supplied as a ready-to-use product.
It can be applied in one or more applications by spray, roller or brush.
On absorbent surface, increase rate of application until surface is completely saturated.

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Application	
Consumption	The coverage rate is approximately 5 – 10 m ² /litre per coat depending on the absorbency of the surface.
Application Temperature	Minimum application temperature + 8 °C Maximum application temperature + 45 °C
Cleaning Tools	Tools must be cleaned immediately after use with thinner.
Delivery	
Colour	Colourless
Packing	StoCryl TI is available in 20 litre pail
Storage	
Storage life / conditions	The shelf life of StoCryl TI 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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*Product images may differ from the actual product.