

Technical Data Sheet

StoCryl ACC

Acrylic concrete curing and high performance sealing membrane



Characteristics

| | |
|----------------------------|---|
| Area of application | <ul style="list-style-type: none"> ▪ Runways ▪ Industrial concrete floors ▪ Motorways ▪ Bridgeworks ▪ Dry shake hardened floor ▪ Sealing old concrete surface |
|----------------------------|---|

Properties

- Meets ASTM C309 type 1 class B requirement
- Enhances the colour of Sto cementitious hardeners and is non-yellowing
- Reduces surface shrinkage and crazing in concrete
- Provides hard wearing surface and prevent dusting
- Enables cement to hydrate to give maximum strength development
- Cost effective with excellent curing efficiency
- Eliminates need for messy damp hessian or polythene sheets
- Seals concrete surfaces to protect from the effect of weathering

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| Criteria | Standard / test specification | Value / Unit | Notes |
|-------------------|-------------------------------|--------------------------|-------|
| Flashpoint | | 27 °C | |
| Curing Efficiency | BS 7542 | > 75% | |
| Water Retention | ASTM C156 | < 0.55 kg/m ² | |

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 | Minimum application temperature + 8 °C Maximum application temperature + 45 °C | |
| Consumption | Type of application | Approx. consumption |
| | Curing & Sealing – 1 st coat | 6.0 - 8.0 m ² /litre |
| | Curing & Sealing – 2 nd coat | 7.5 - 10.0 m ² /litre |
| | Sealing & Dustproofing – 1 st coat | 6.0 - 8.0 m ² /litre |
| | Sealing & Dustproofing – 2 nd coat | 8.0 - 10.0 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.

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| | | |
|---|---|------------------|
| Application method | Apply using a sprayer, brush or roller | |
| Application | <p><u>Curing - Horizontal</u> As soon as the initial surface sheen has disappeared from the placed concrete, apply immediately with StoCryl ACC using a low pressure sprayer, brush or roller. 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 time to produce a fine spray.</p> <p><u>Curing - Vertical</u> Damp down the concrete surface with clean water immediately upon striking the formwork. Apply StoCryl ACC evenly onto the concrete surface and allow to cure.</p> <p><u>Sealing</u> The surface to be sealed should be clean, dry and free of all contaminants such as waxes, grease and oil. Apply StoCryl ACC evenly on all surfaces using a sprayer, brush or roller. For very porous surfaces, a second coat may be necessary to attain a uniform seal and surface gloss.</p> | |
| Cleaning the tools | Tools must be cleaned immediately after use with cleaning solvent. | |
| Notes, recommendations, special information, miscellaneous | Please consult the local sales office for further information and any site assistance required. | |
| Delivery | | |
| Colour | Colourless | |
| Packaging | Name | Container |
| | StoCryl ACC | 5 litres |
| | StoCryl ACC | 25 litres |
| | StoCryl ACC | 210 litres |
| 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. | |

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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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*Product images may differ from the actual product.