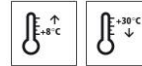


Technical Data Sheet

StoCryl BF 750

Sealer, single-component, transparent, low-emission



Characteristics

Area of application

- interior
- exposed to the weather
- as a transparent sealing coat on StoCryl BF 700 and StoCryl BF 700 Metallic
- for surfaces suitable for foot traffic with low to medium mechanical stress
- for common rooms
- for cellars and hobby rooms
- for stairs
- for sales rooms and exhibition rooms

Properties

- low-emission, meets the VOC emission requirements of the Committee for Health-related Evaluation of Building Products
- PU hybrid
- single-component
- ready-to-use sealer
- good mechanical and chemical resistance
- abrasion-resistant
- easy to clean
- weather-resistant

Appearance

- mid sheen: class G2 in accordance with EN 1062-1

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1,05 g/cm ³	
Bond strength	EN 1542	> 2 MPa	
Volume of non-volatile matter	DIN 53217	35 %(V)	

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.

Substrate

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Requirements

General:

- Dry, load-bearing
- Free from separating, native, or foreign substances

Existing coatings and other substrates:

- Compatibility: cross-cut value ≤ 1 in accordance with ISO 2409

Preparations

New coating (acrylate):

- None

Existing coatings (acrylate):

- 1) Sand the coating.
- 2) Clean the substrate.

Application

Application temperature

Application temperature:

minimum temperature: +8 °C

Maximum temperature: +30 °C

Material preparation

Stir the material until it is homogeneous.

Consumption

Type of application

Approx. consumption

as sealer

0,1

l/m²

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.

Coating build-up

- 1) Prepare the substrate.
- 2) Priming:
 - 2a) Prime in interior areas: StoCryl BF 700
 - 2b) Prime in exterior areas: StoCryl GL with StoFluid AF
- 3) Coating:
 - 3a) Coat in interiors: StoCryl BF 700 or StoCryl BF 700 Metallic
 - 3b) Coat in exterior areas: StoCryl BF 700 with StoBallotini
- 4) Sealing: StoCryl BF 750

Application

The material can be applied using a roller or paint brush.

- 1) Prepare the substrate.
- 2) Primer:

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2a) Prime in interior areas:

- StoCryl BF 700
- Dilute the product with approx. 5-10 %.
- consumption: approx. 150-160 ml/m²

2b) Prime in exterior areas:

- StoCryl GL with StoFluid AF
- Dilute the product with up to one volume fraction with StoFluid AF.
- Dilution and consumption depend on the absorption capacity of the substrate.
- Note: The priming coat must not stay glossy.

3) Coating:

3a) Coat in interiors:

- StoCryl BF 700 or StoCryl BF 700 Metallic
- Optionally mix: 10 % Sto Ballotini Ø 180-300 µm
- Optional scattering: StoChips 1 mm approx. 30 g/m²
- Consumption: approx. 150-160 ml/m²

3b) Coat in exterior areas:

- StoCryl BF 700
- Mix: 10 % Sto Ballotini Ø 180-300 µm
- Consumption: approx. 150-160 ml/m²

4) Sealing coat:

- StoCryl BF 750

In interiors:

- optional
- If Sto Ballotini or StoChips are used, seal the surface.
- Consumption: approx. 100 ml/m²

In exterior areas:

- Seal the surface when using Sto Ballotini.
- Consumption: approx. 100 ml/m²

Notes:

- Please use StoCryl BF 700 build-up with ballotini and BF 750 for slip resistance requirements in exterior areas.
- Not for garages, multi-storey car parks, or floor areas subject to constant stress, e.g. from forklift trucks.
- Not resistant to plasticiser migrations.

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Drying, curing, ready for next coat

Time until the next coat can be applied:
At +20 °C: after 8 h

Time until the area is suitable for foot traffic:
At +20 °C: after 8 h

Up to insensitivity to rain and moisture:
at +20 °C: after 48 h

Time until fully mechanically resistant or fully cured:
At +20 °C: after 7 days

Cleaning the tools

Clean with water after use.
Collect cleaning water/rinsing water and dispose of it professionally.
Remove bonded material by mechanical means.

Notes, recommendations, special information, miscellaneous

- 1) Observe the general application instructions:
 - see www.stocretec.de, Products
 - see technical manual, notes
- 2) Observe the implementation instructions.

Cleaning and maintenance!

Clean the surface with clear water or use a low dose of cleaning agent with surfactants. This will not affect the mechanical resistance and resistance to indentation of the product surface.

- Do not use any solvent-containing cleaning agents or floor finishes.
- Do not regularly wet-clean with cleaning machines and do not use conventional cleaning solutions. The frequent and concentrated use of surfactants, waxes, or basic cleaning agents for deep cleaning can lead to a decrease in surface hardness, which significantly reduces the stability of the surface and increases the rate of soiling.
- Recommendation: Use two-component sealing coats for areas that require regular cleaning with cleaning machines and chemical cleaning agents.
- Not suitable for surfaces subject to standing water. Ensure sufficient inclination on surfaces exposed to the elements to allow water to run off in a controlled manner. inclination: at least 1.5 %
- Not for garages, multi-storey car parks, or floor areas subject to constant stress from forklift trucks or similar equipment.
- Do not use on surfaces that will be exposed to intense stress during subsequent use, e.g. from contact with grease, plasticisers, alcohol, or other aggressive substances.

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- Not resistant to plasticiser migrations!

Delivery

Colour shade transparent

Packaging Pail

	Article number	Name	Container
	00081-002	StoCryl BF 750	5 l pail
	00081-001	StoCryl BF 750	2.5 l pail

Storage

Storage conditions Store in dry and frost-free conditions. Protect from direct sunlight. Store in dry and frost-free conditions. Protect from direct sunlight. Store in dry and frost-free conditions. Avoid direct sunlight.

Storage life The product quality is best guaranteed in its unopened original container until its shelf life has expired. This information is included in the batch number on the container. Explanation of batch nos.:
digit 1 = last digit of the year, digits 2 + 3 = calendar week, example: 2450013223 - storage life ends at week 45 in 2022
See product packagingThe product quality is best guaranteed in its unopened original container until its shelf life has expired. This information is included in the batch number on the container. Explanation of batch nos.:
digit 1 = last digit of the year, digits 2 + 3 = calendar week, example: 2450013223 - storage life ends at week 45 in 2022
At least 12 months in the unopened packaging (+5 °C to +25 °C). In the original container until ... (see packaging).

Identification

Product group Sealing coat

GISCODE BSW30

Safety Observe the 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 the Internet.

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