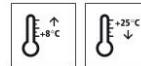


## Technical Data Sheet

### StoCryl BF 755

Sealing coat, single-component, transparent,  
matt, low VOC content



#### Characteristics

##### Area of application

- interior
- as a transparent sealing coat on StoCryl BF 700
- as a transparent sealing coat on concrete and cementitious screeds
- 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

- matt
- 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

##### Appearance

- matt (< 10 GU at 60°)

#### Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Density	EN ISO 2811	1,04 g/cm <sup>3</sup>	
Volume of non-volatile matter	DIN 53217	37 %(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

##### Requirements

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

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- Remove weak layers.
- Remove any accumulation of fine concrete particles on the surface.

Dry substrate:

- Depends on the compressive strength class

Moisture content:

- Measure the moisture content of the concrete substrate with a calcium carbide meter.
- Moisture content for concrete qualities up to C30/37: max. 4 per cent by weight
- Moisture content for concrete qualities up to C35/45: max. 3 per cent by weight

- Substrate temperature: at least +8 °C, 3 K above the dew point

Bond strength, average: 1.5 N/mm<sup>2</sup>

Bond strength, lowest single value: 1.0 N/mm<sup>2</sup>

Check the bond strength on cementitious screed using a test surface on the project.

Existing coatings and other substrates:

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

### Preparations

Prepare all the above-mentioned substrates using a mechanical method, see "Substrate, requirements".

Example:

- Shot-blasting
- Abrasive blasting
- Diamond grinding
- Clean and suction clean

New coating (acrylate):

- None

Existing coatings (acrylate):

- Sand and clean

Application					
<b>Application temperature</b>	Lowest application temperature: +8 °C highest application temperature: +25 °C				
<b>Material preparation</b>	Stir the material until it is homogeneous.				
<b>Consumption</b>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%; border-bottom: 1px solid black;">Type of application</th> <th style="border-bottom: 1px solid black;">Approx. consumption</th> </tr> </thead> <tbody> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;"> </td> <td style="border-top: 1px solid black; border-bottom: 1px solid black;"> </td> </tr> </tbody> </table>	Type of application	Approx. consumption		
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as sealer	0,11	l/m <sup>2</sup>
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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

transparent sealing coat on StoCryl BF 700

- 1) Prepare the substrate.
- 2) Priming: StoCryl BF 700
- 3) Coating: StoCryl BF 700 (optional with Sto Ballotini Ø 180-300 µm: optional scattering with StoChips 1 mm)
- 4) Sealing: StoCryl BF 755

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transparent sealing coat on concrete and cementitious screeds

- 1) Prepare the substrate.
- 2) Priming: StoCryl BF 755
- 3) Sealing: StoCryl BF 755 (1-2 application cycles)

#### Application

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

transparent sealing coat on StoCryl BF 700

- 1) Prepare the substrate.
- 2) Primer:
  - Apply StoCryl BF 700 diluted with approx. 5–10 % water.
  - Consumption: approx. 150-160 ml/m<sup>2</sup>
- 3) Coating:
  - StoCryl BF 700
  - (optional with Sto Ballotini Ø 180-300 µm: optional scattering with StoChips 1 mm)
  - Consumption: approx. 150-160 ml/m<sup>2</sup>
- 4) Sealing coat:
  - StoCryl BF 755
  - Consumption: approx. 100-120 ml/m<sup>2</sup>

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transparent sealing coat on concrete and cementitious screeds

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

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### StoCryl BF 755

- StoCryl BF 755
  - Consumption: approx. 100-120 ml/m<sup>2</sup> (diluted with approx. 30 % water)
- 3) Sealing coat:
- StoCryl BF 755 (1-2 application cycles)
  - Consumption: approx. 100-120 ml/m<sup>2</sup> (undiluted, for each application cycle)

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**Drying, curing, ready for next coat**

Over-coatable:  
at +20 °C: after 8 h

Suitable for foot traffic:  
at +20 °C: after 8 h

Until no longer sensitive to rain and humidity:  
at +20 °C: after 48 h

Fully mechanically resistant or fully cured: at +20 °C: after 7 days

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**Cleaning the tools**

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

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**Notes, recommendations, special information, miscellaneous**

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

Cleaning and maintenance!

Clean with clear water or a small amount of cleaning agent (surfactant) in order not to reduce the mechanical resistance and resistance to indentation of the product surface. Do not use any scouring agents or aggressive cleaning agents.

Do not use any solvent-containing cleaning agents or floor finishes.

Do not regularly wet-clean with cleaning machines and conventional cleaning solutions. The frequent and/or concentrated use of surfactants, waxes, or basic cleaning agents for deep cleaning can lead to a decrease in surface hardness, which significantly reduces surface stability 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

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## StoCryl BF 755

surfaces exposed to the elements to allow water to run off in a controlled manner.  
inclination: at least 1.5 %

Special notes:

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.

Not resistant to plasticiser migrations!

<b>Delivery</b>	
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<b>Colour shade</b>	transparent
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<b>Packaging</b>	Pail
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Article number	Name	Container
00272-002	StoCryl BF 755	5 l pail
00272-001	StoCryl BF 755	2.5 l pail

<b>Storage</b>	
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<b>Storage conditions</b>	Store in dry and frost-free conditions. Protect from direct sunlight.
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<b>Storage life</b>	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 packaging
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<b>Identification</b>	
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<b>Product group</b>	Sealing coat
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<b>GISCODE</b>	BSW30
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<b>Safety</b>	Observe the Safety Data Sheet!
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# Technical Data Sheet

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## StoCryl BF 755

### 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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