

(Bisherige Bezeichnung: 1K-Acryl-Fugendichtstoff)

# DisboSEAL® 225 PROFI ACRYL



DisboSEAL® 225 acrylic joint sealant (1-component)  
Quick-drying acrylic dispersion for sealing joints and connections

## Product Description

Field of Application

For connecting joints on door and window frames, window sills, built-in furniture, lightweight walls and panelling. Also suitable for cracks and joints in aerated concrete, stone and plaster.

Tested in accordance with the AgBB test criteria for VOC emissions from interior-relevant building products. The assessment scheme of the AgBB (Committee for Health-related Evaluation of Building Products) was derived from the environmental and health authorities for the use of building materials in sensitive areas, such as recreation rooms.

Material Properties

- UV and weather resistant
- Minimised emissions
- Fast drying and quick to paint over
- Can be painted over with standard emulsion and alkyd resin paints
- Also adheres to damp, absorbent substrates

Material Base / Vehicle

Acrylic dispersion

Packaging/Package Size

- 600 ml tubular bag: white
- 310 ml cartridge: white, black, grey

Cartridge: 20 pcs / box, tubular bag 20 pcs per box incl. 8 nozzles per box

Colours

- White (colour approximates RAL 9010 pure white)
- Black (colour approximates RAL 8022 black-brown)
- Grey (colour approximates RAL 7004 signal grey)

Storage

Store in a cool, dry and frost-free place.  
Can be stored for 24 months in the original sealed container.

Technical Data

- Classification: EN ISO 11600 F-7.5P
- Stability: ≤ 2 mm (based on ASTM 2202)
- Skin formation: approx. 15 min (23 °C and 50 % relative humidity)
- Elongation stress value (at 100% elongation): approx. 0.2 N/mm<sup>2</sup> (DIN 53504)
- Tensile strength: approx. 0.2 N/mm<sup>2</sup> (DIN 53504 -S2)
- Shore hardness A: 30 (DIN ISO 7619)
- UV resistance: good (ISO 4892)
- Fire behaviour: Class E (EN 13501)
  
- Density: approx. 1.62 g/cm<sup>3</sup> (DIN EN ISO 10563)
- Maximum allowable deformation: 7,5 %
- Dry temperature resistance: -25 to +80 °C
- Shrinking: max. 15 % (DIN EN ISO 10563)
- Joint width: Min. 5 mm, max. 25 mm



## Application

Suitable Substrates	Aluminium, concrete, fibre cement, wood, rigid PVC, clinker, sand-lime brick, rigid polystyrene foam, aerated concrete, plaster, brick, galvanised steel, plasterboard.
Substrate Preparation	The substrates must be clean, dry, stable, dust-free and free from substances that could impair adhesion. In the case of mineral and porous substrates, prime the bonding surfaces with diluted joint sealant (diluted with water). Limit the joint or sealant depth with a non-absorbent, closed-cell PE round cord (DisboADD® 265 round cord).
Preparation of Material	The material is ready to use.
Method of Application	<ul style="list-style-type: none"> <li>■ It is recommended to tape the edges of the joint with a suitable adhesive tape to achieve visually perfect joints.</li> <li>■ Apply sealant evenly and bubble-free into the joints.</li> <li>■ Smooth the surface with a water-wetted tool before the skin forms (do not use a smoothing agent!).</li> <li>■ Remove used adhesive tape immediately afterwards.</li> </ul>
Consumption	approx. 3 m/310 ml cartridge with a joint dimension of 10 x 10 mm. The exact joint dimension must be determined on the object.
Application Conditions	Application temperature: 5 to 40 °C
Waiting Time	During curing, the sealant must be protected from frost and rain. The curing of the sealant is delayed at low temperatures.
Drying/Drying Time	1 - 2 weeks, depending on the joint dimensions, until fully cured (at 23 °C, 50 % relative humidity).  DisboSEAL® 225 1C acrylic joint sealant is a high-quality acrylic sealant which can be painted over with synthetic, water-based paints relatively soon after application of the sealant, with a low risk of discolouration and colour cracking. The skin formation time depends on factors such as the ambient conditions (temperature, humidity, etc.), the amount of sealant applied and the joint geometry and must be tested on the object.
Tool Cleaning	Clean with water immediately after use. Dried sealant can only be removed mechanically.
Note	<p>If a professional joint is not formed in the connection area (at least 5 x 5 mm) or if the sealing is executed in the form of a triangular bevel, cohesion cracks in the sealant must be expected.</p> <p>DisboSEAL® 225 may be painted over in static joints with little movement (max. 5 %). I.e: The sealant may be painted over the entire surface if the applied coating can compensate for the movements of the sealant without damage. Due to the large number of coating systems available on the market, we recommend carrying out your own tests to assess adhesion and compatibility.</p> <p>Not suitable for structural expansion joints according to DIN 18450, for sealing on glass and glazed substrates as well as on marble and natural stone or for joints with constant water exposure.</p>

## Advice

German Certificates	<ul style="list-style-type: none"> <li>■ AgBB</li> <li>■ EC1+, very low emissions</li> </ul>
Please Note (Status as at Date of Publication)	<p>Safety data sheet available on request. Contains 1,2-benzisothiazol-3(2H)-one. May cause allergic reactions. Hotline for allergy enquiries: 0800/1895000 (free of charge from a German landline).</p> <p>Declaration of ingredients according to VdL Guideline 01: polyacrylate resin, calcium carbonate, inorganic coloured pigments, titanium dioxide, water, additives, preservatives.</p>
Disposal	Dispose of liquid material residues at the collection point for old paints/varnishes, dispose of dried material residues as construction and demolition waste or as municipal waste or household waste.
Further Details	VOC content in accordance with Directive 2004/42/EC: This product contains max. 20 g/l.

CE Labelling



Disbon GmbH

Rosßdörfer Straße 50, D-64372 Ober-Ramstadt

21

DIS-225 -017849

EN 15651-1:2012

Non-structural joint sealant for facades, for interior use  
Typ F INT

Fire behaviour	Class E
Release of chemicals that are hazardous to the environment and health	NPD
<b>Watertightness and airtightness</b>	
Stability	≤ 5 mm
Volume change	≤ 45 %
Tensile behaviour, i.e. elongation after immersion in water at a temperature of 23°C	> 25 %

NF = no failure according to ISO 11600  
NPD = no performance declared

Customer Service Centre

Tel.: +49 6154 71-71710  
Fax: +49 6154 71-71711  
e-mail: kundenservicecenter@caparol.de

International Distribution: Please see [www.caparol.com](http://www.caparol.com)

**Technical Information No. 225 · Issue: June 2024**

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.225 · DisboSEAL® 225 PROFI ACRYL · Issued: March 2024