

DisboSEAL 225 1K-Acrylic-Joint Sealant

Acrylate dispersion for sealing joints and connections



Product Description

Purpose Of Use	<p>For connection joints on door and window frames, window sills, built-in furniture, lightweight walls and cladding. Also suitable for cracks and joints in aerated concrete, stone and plaster. For use outdoors without constant exposure to moisture.</p> <p>Tested according to the AgBB test criteria for VOC emissions from building products relevant to the interior. The AgBB's assessment scheme (committee for the health assessment of building products was derived from the environmental and health authorities for the use of building materials in sensitive areas, such as lounges).</p>
Properties	<ul style="list-style-type: none"> ■ UV- and weather resistant ■ Minimal emissions ■ Can be painted over with commercially available emulsion and alkyd resin paints (according to DIN 52452-4 method A3) ■ Also adheres to damp, absorbent surfaces
Material Base	Acrylate dispersion
Packaging / Container Sizes	<ul style="list-style-type: none"> ■ 600 ml Tubular bag: white ■ 310 ml Cartridge: white, brown, black, gray <p>Cartridge: 20 pieces / box, tubular bag 20 pieces per box including 8 nozzles per box</p>
Shades	<ul style="list-style-type: none"> ■ White (approx. RAL 9010/1013) ■ Brown (approx. RAL 8002) ■ Black (approx. RAL 8022) ■ Grey (approx. RAL 7004)
Storage	<p>Cool, frost-free. Originally closed container has a shelf life of 24 months</p>
Technical Specifications	<ul style="list-style-type: none"> ■ Classification: EN ISO 11600 F-7.5P ■ Skin formation: approx. 15 min (23 ° C and 50% relative humidity) ■ Shore hardness A: 30 (DIN 53505) ■ UV resistance: good (ISO 4892) <ul style="list-style-type: none"> ■ Density: approx. 1.6 g / cm³ (DIN 52451) ■ Permissible total deformation: max. 10 % ■ Dry temperature resistance: -25 to +80 ° C ■ Shrinkage: 15% (mass shrinkage according to ISO 10563) ■ Joint width: Mind. 5 mm, max. 25 mm



Solvent Free



Application

Suitable Substrates	Aluminum, concrete, fiber cement, wood, hard PVC, clinker, sand-lime brick, polystyrene hard foam, aerated concrete, plaster, brick, galvanized steel, plasterboard.
Substrate Preparation	<ul style="list-style-type: none"> ■ The substrates must be stable, clean, dust-free, free of any separating substances and dry. ■ In the case of mineral and porous substrates, prime the adhesive surfaces with diluted joint sealant (diluted with water). ■ The depth of the joint exceeds the max. or using the sealant on a non-absorbent surface use a closed-cell PE round cord, e.g. DisboADD 265 round cord.
Material Preparation	The material is ready to use
Application Process	<ul style="list-style-type: none"> ■ It is recommended to mask the joint edges with a suitable adhesive tape in order to achieve optically perfect joints. ■ Apply sealant evenly and without bubbles into the joints. ■ Smooth the surface with a water-wetted tool before skin formation. (do not use a smoothing agent!). ■ Immediately remove the used adhesive tape.
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
Curing Times	Protect the sealant from frost and rain while it is curing. The hardening of the sealant is delayed at low temperatures.
Complete Drying Time	1 - 2 weeks, depending on the joint dimension, until it fully cures (at 23° C, 50% relative humidity).
Tool Cleaning	Immediately after use with water. Dried sealant can only be removed mechanically.
Note	<p>If there is no professional joint formation in the connection area (at least 5 x 5 mm) or the sealing is carried out in the form of a triangular bevel, cohesion cracks in the sealant must be expected.</p> <p>In the case of static joints with little movement (max. 5%), acrylic can be painted over after it is completely dry. This means that the sealant may be coated over the entire surface if the applied coat of paint can compensate for the movements of the sealant without damage. Due to the large number of paint systems available on the market, we recommend that you carry out your own tests to assess adhesion and compatibility.</p> <p>Not suitable for building expansion joints in accordance with DIN 18450, for sealing on glass and glazed surfaces as well as on marble and natural stones or for joints with constant water pollution.</p>

Hints

Document	<ul style="list-style-type: none"> ■ AgBB ■ EC1+, very low emissions ■ CE-marked to EN 15651-1
Hazard warnings / safety advice (status at the time of going to press)	<p>Safety data sheet available on request. Contains 1,2-benzisothiazol-3 (2H) -one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3: 1). Can cause allergic reactions. Hotline for allergy inquiries: 0800/1895000 (free of charge from the German landline network).</p> <p>Declaration of ingredients according to VdL guideline 01: polyacrylate resin, calcium carbonate, inorganic colored pigments, titanium dioxide, barium sulfate, 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. RS10
Giscode details	VOC content according to RL 2004/42 / EG: This product contains max. 20 g / l.

CE-Labeling



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EN 15651-1:2012

Non-load-bearing joint sealant for facades, for indoor use, type F INT

Fire Behavior	Class E
Release of chemicals that are hazardous to the environment and health	NPD*
Watertightness and Airtightness	
Sag Properties	≤ 5 mm
Change In Volume	≤ 45 %
Tensile behavior, 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

Technical Advice

All substrates occurring in practice and their technical processing cannot be dealt with in this publication. If substrates are to be processed that are not listed in this technical information, it is necessary to consult with us or our sales representatives. We are happy to advise you in detail and on a property-specific basis.

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This technical information has been compiled on the basis of the latest technology and our experience. With regard to the variety of substrates and property conditions, however, the buyer / user is not released from his obligation to test our materials for their suitability for the intended purpose under the respective property conditions. Only the latest version of the technical information is valid. If necessary, convince yourself that this version is up-to-date at www.disbon.de.

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