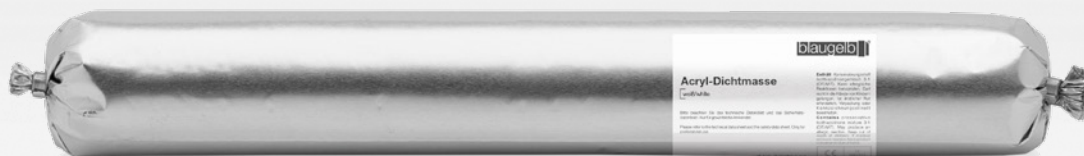


The blaugelb Acrylic is an **ideal solution** in the sealing system for indoor joints with low movement.



blaugelb Acrylic Sealing Compound

For the professional inner sealing of structural attachment and construction joints with low movement.

- **Exceptionally suited for sealing structural attachment and construction joints indoors**
- **Very good processability**
- **Solvent-free, silicone-free**
- **Moisture and temperature-resistant and non-fading once cured**
- **Can be painted over with suitable paints**
- **Building material class E (DIN EN 13501-1)**
- **Tested to be low in pollutants according to EMICODE**

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For the professional inner sealing of structural attachment and construction joints with low movement.



Product features:

blaugelb Acrylic Sealing Compound white 600 ml is a one-component, neutral crosslinking sealant on an acrylic dispersion basis for the expert sealing of low-movement joints. Thanks to its good initial adhesion, it can usually be applied without primer to almost all substrates encountered in construction. It exhibits good adhesion to porous, absorbent substrates as well as aluminium. blaugelb Acrylic Sealing Compound can be painted over after curing (note elongation). A skin forms after approx. 20 minutes.

Applications:

blaugelb Acrylic Sealing Compound white 600 ml is particularly suitable for the permanent sealing of structural, construction and connecting joints with low movement (< 10 %) on standard construction substrates, even when porous. Joints between window and door frames, at window sills, roller shutter cases and skirting boards and cracks in masonry, concrete and plaster can be sealed with blaugelb Acrylic Sealing Compound white 600 ml. blaugelb Acrylic Sealing Compound white 600 ml is recommended for use indoors. It is not suitable as a glazing sealant or for joints permanently exposed to water.

Substrates:

Very good adhesion on porous substrates such as concrete, porous concrete, plasterboard, plaster, masonry, stone, fibre cement, aluminium.

Do not use on natural stone, glass, bitumen and metals susceptible to corrosion, PE, PP, PTFE. Incompatibility may occur in the event of contact with bitumen, tar or materials containing oils, solvents or plasticisers, e.g. soft PVC, butyl, chloroprene rubber (neoprene), EPDM, APTK. Not recommended for tiles, ceramic or marble.

Product benefits:

- Exceptionally suited for sealing structural attachment and construction joints indoors
- Very good processability
- Solvent-free, silicone-free
- Colourfast and waterproof after curing
- Very good adhesion to most porous and even slightly moist conventional construction materials*
- Moisture and temperature-resistant once cured
- Non-fading once cured
- Can be painted over with suitable paints after curing
- Building material class E (DIN EN 13501-1)
- Tested to be low in pollutants according to EMICODE EC1 Plus

*Carry out suitable pretests.

Technical data:

Material base:	1C acrylic dispersion
Colour:	White
Curing system:	Curing through evaporation of water
Building material class: DIN EN 13501-1	Building material class E
Skin formation:	Approx. 20 minutes at +23 °C and 50 % RH
Density:	1.65 g/ml

The information provided in this document corresponds to the information and technical details available to the best of our knowledge. However, this does not constitute a guarantee pursuant to section 443 of the German Civil Code (BGB). Our processing instructions are to be considered only as general guidelines and may differ in the individual case due to the range of possible uses and applications. They do not therefore automatically exempt the user from carrying out their own tests. We reserve the right to make technical modifications and enhancements at any time.

Shore A hardness: ISO 868	Approx. 30 +/- 5
Max. permissible total deformation: ISO 11600	Approx. 10 %
Change in volume: DIN 52451	Approx. -15 %
Processing temperature:	Ambient: +5 °C to +30 °C Substrate: +5 °C to +30 °C
Temperature resistance:	From -20 °C to +80 °C
Resistance:	Colourfast and moisture-resistant once cured
Storage life:	18 months in unopened pack at +5 °C to +25 °C
Delivery form:	600 ml tubular bag

Product name	PU	Item no.
blaugelb Acrylic Sealing Compound white 600 ml	20 bags	0241600

Joint dimensions:

The joint dimensions are defined by the sum of the stresses and the mechanical properties of the building materials. The planner determines the joint dimensions, taking the permissible total deformation of the intended sealant into account. In terms of the joint width, general consideration must be given to the total deformation of the sealant (sum of compression, elongation and shear) as regards the joint width not being greater than the permissible total deformation of the joint sealant.

The following recommendations for the joint dimension refer to square joints and are taken from the specifications of the IVD information sheet no. 3-1 as well as the installation guide from the RAL Quality Assurance Association for Windows and House Doors (RAL-Gütegemeinschaft Fenster und Haustüren) 2020 edition, chap. 6.4.1. There you will find further detailed notes, including on the calculation of the required joint width.

Recommended joint dimensions:	Joint width	Joint depth*
min.	5 mm	5 mm
max.	30 mm	15 mm

*Recommendation for seals: The joint depth corresponds to the joint width, but at least 5 mm

Joints with three flanks ("three-point adhesion") and triangle joints are not suitable for absorbing movement and are therefore to be avoided. Sealants should be used with a suitable backfilling material (closed-cell PE cord) to limit the depth of the joint and ensure a two-point adhesion.

Calculation of the consumption amount:

Example: Joint with 5 mm width and 5 mm depth, 10 % excess material that accumulates when smoothing off.

$$5 \text{ mm} \times 5 \text{ mm} = 25 \text{ ml/m} + 10 \% = 27.5 \text{ ml/m material consumption.}$$

A 600 ml tubular bag is sufficient for a joint length of approx. 21 m. This calculated value may deviate depending on the real-world conditions.

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Preparation and processing:

The substrate must be firm, stable, clean and free of grease, dust and loose parts. All traces of residue from separating agents used in production or protective films used in transit must be removed from the substrate. Highly porous substrates should be moistened beforehand with a dilution of 1 part blaugelb Acrylic Sealing Compound white 600 ml with 2 parts water. Clean non-absorbent substrates with acetone.

Before application, the suitability of the material for the intended application is to be verified through appropriate tests performed by the customer. We recommend masking the edges of the joint with suitable adhesive tape.

Fill the joint bubble-free with the blaugelb Acrylic Sealing Compound white 600 ml, then spray with a suitable smoothing agent and smoothen before a skin forms. Pull off the adhesive tape promptly and remove excess smoothing agent.

Ensure there is good ventilation so that the blaugelb Acrylic Sealing Compound white 600 ml can cure. Do not use if there is a risk of rain or frost while curing.

Avoid three-point adhesion in the joint as this could otherwise result in stresses that may cause the sealant in the joint to tear.

Processing temperature: +5 °C to +30 °C (ambient temperature and substrate). Curing should be performed at constant temperatures to the greatest possible extent in order to prevent the formation of cracks. Curing takes place by drying from the outside inwards. Curing slows down at low temperatures and/or if atmospheric humidity is high.

blaugelb Acrylic Sealing Compound white 600 ml is non-fading. Long-term contact with chemicals is to be avoided. If the effect of chemicals or high temperatures leads to colour variations in individual cases, the function or durability is generally not impaired.

Cleaning and repair:

Before curing, it can be cleaned using water; after curing, the blaugelb Acrylic Sealing Compound white 600 ml can be removed mechanically. Repairs to the joint of the blaugelb Acrylic Sealing Compound white 600 ml can be performed using the same material.

Delivery and storage form:

Store in the original packaging in a dry place and protect against effects of frost and heat. Can be stored for 18 months at a storage temperature between +5 °C and +25 °C.

Disposal:

The disposal conforms with the national specifications.

Safety note:

Please note the safety data sheets.

Only for trade use.