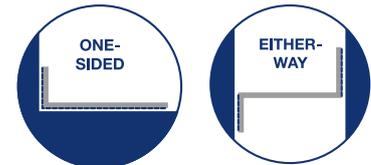


Intelligent moisture management in the connecting joint –
blaugelb Foil DuoSL⁶⁰⁰ for joints subject to normal stresses.



blaugelb Foil DuoSL⁶⁰⁰

Straightforward sealing for one or two-sided application inside and outside.

- At least 600 Pa watertightness against driving rain and open to vapour diffusion for the outer level
- Sealing that is airtight and forms a barrier against vapour for the inner level according to DIN 18355
- Intelligent moisture management in the joint thanks to the variable sd-value
- Inner and outer sealing with just one product
- Optimised for bonding on one and both sides
- UV-resistant for at least 4 months

Product features:

The blaugelb Foil DuoSL⁶⁰⁰ is a special plastic foil with self-regulating properties for the sealing of connecting joints of windows and doors. It has a fleece backing and is fully self-adhesive. The integrated plastic foil can vary its sd-value, enabling it to regulate the water vapour permeability of the joint when used on both sides (inside and outside) so that it retains the capacity to dry out the whole year round.

The blaugelb Foil DuoSL⁶⁰⁰ is watertight against driving rain up to at least 600 Pa and UV-resistant for at least 4 months. It is elastic and absorbs the movements of the components. On the fully adhesive side, the slit protective paper allows easy attachment to the substrate without the need for additional foil adhesive. The self-adhesive strip on the fleece side means that the blaugelb Foil DuoSL⁶⁰⁰ can also be bonded on both sides. The self-adhesive strip on the fleece side is covered by protective paper. Because the blaugelb Foil DuoSL⁶⁰⁰ can be used on the inside and outside, there is no danger of confusion and no need for expensive storage.

The blaugelb Foil DuoSL⁶⁰⁰ is secured to the window profile with the narrow self-adhesive strip and bonded with the masonry on the fully adhesive side. The self-adhesive property makes it suitable for bonding to commercially available window profiles and the standard construction substrates. The bonding can be corrected in the first few minutes. The blaugelb Foil DuoSL⁶⁰⁰ can be plastered, bonded and painted over on the fleece-backed side and can thus be installed completely hidden.

Product benefits:

- Sealing that is watertight against driving rain and open to vapour diffusion for the outer level
- Sealing that is airtight and forms a barrier against vapour for the inner level according to DIN 18355
- Intelligent moisture management in the joint thanks to the variable sd-value
- Inner and outer sealing with just one product
- No danger of confusion, no duplicate storage
- Fleece side can be plastered, bonded and painted over, hidden installation
- UV-resistant for at least 4 months
- Moisture and temperature-resistant
- Easy to process with slit protective paper
- Fully adhesive
- Additional self-adhesive strip for the window frame covered by protective paper
- Can be applied on one side or both sides
- Can be used for standard construction substrates* and window and door profiles* without the need for additional foil adhesive
- Flexible and elastic foil, absorbs component movements
- Sturdy foil design for permanent function
- Joint sealing compliant with the Leitfaden zur fachgerechten Montage [Guideline for Proper Installation]
- Manufactured under an ISO 9001/EN 29001-compliant quality system

*Carry out suitable pretests.

Technical data:

Material:	special plastic foil with fleece backing, fully adhesive
Building material class: DIN 13501	Class E
sd-value: DIN EN 12572	sd-value ≥ 0.03 m to ≤ 15 m, depending on the average air humidity
Joint permeability coefficient: DIN EN 1026	a ≈ 0 m ³ /[h * m * (daPa) ^{1/2}]
Watertightness against driving rain: DIN EN 1027	≥ 600 Pa
UV stability:	At least 4 months
Temperature resistance:	From approx. -40 °C to +80 °C
Processing temperature:	+5 °C to +45 °C
Compatibility with adjacent building materials:	Satisfied
Dimension tolerance: DIN 7715 T5 P3	Satisfied
Storage temperature:	at +1 °C to +20 °C
Storage life:	12 months with dry storage in unopened original packaging
Colour:	white

Product name	PU	Item no.
blaugelb Foil DuoSL ⁶⁰⁰ 75 mm x 30 m single perforation	8 x 30 m	9081827
blaugelb Foil DuoSL ⁶⁰⁰ 90 mm x 30 m double perforation	6 x 30 m	9081828
blaugelb Foil DuoSL ⁶⁰⁰ 120 mm x 30 m double perforation	4 x 30 m	9081829
blaugelb Foil DuoSL ⁶⁰⁰ 200 mm x 30 m double perforation	4 x 30 m	9081830
blaugelb Foil DuoSL ⁶⁰⁰ 250 mm x 30 m triple perforation	4 x 30 m	9081831

Preparation and processing:

The surface must be solid, dry, clean and free of grease, separating agents, solvents, dust, ice and loose parts. The blaugelb Foil DuoSL⁶⁰⁰ can be processed at temperatures from +5 °C.

Before application, the suitability of the material for the intended application is to be verified through appropriate tests performed by the customer. With porous or moist substrates or those that lose sand as well as at low temperatures, pretreating with the blaugelb Spray Primer can increase the adhesion (item no. 9066539, see corresponding technical data sheet).

Unwind the blaugelb Foil DuoSL⁶⁰⁰ from the roll and cut it to the required length, adding approx. 5 cm.

One-sided application: Remove the narrow slit protective paper on the fully adhesive side.

Two-sided application: Pull the brown protective paper off from the self-adhesive strip on the fleece side and secure the foil to the window frame profile using the self-adhesive strip.

Press the blaugelb Foil DuoSL⁶⁰⁰ firmly against the window profile in all application positions. This is best done using the blaugelb Pressure Roller (item no. 9074068, see corresponding technical data sheet). Completely fill the centre functional level (joint cavity) with the intended insulation material. Then bond the blaugelb Foil DuoSL⁶⁰⁰ without stretching to the masonry with the wide self-adhesive strip, forming a sufficient expansion loop. Bond the foil in the corners of the jamb overlapping so as to form a bowl (approx. 2 – 5 cm, corresponding to the joint widths). The “corner bowl formation” thus achieved is to be recommended. The recommendations from the technical bulletin “Verputzen von Fensteranschlussfolien” [Plastering of Window Connection Foils] should be complied with for the bonding width in the jamb area.

The foil can be plastered over as soon as the adhesive effect of the adhesive is sufficient to bear the weight of the plaster. On normally bearing substrates and in normal climatic conditions, this will usually be the case after a few hours. Before plastering over, perform an adhesion test especially on critical substrates (e.g. with a low load-bearing capacity) or in adverse weather conditions.

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 12 months at a storage temperature between +1 °C and +20 °C.

Disposal:

Scraps of the blaugelb Foil DuoSL⁶⁰⁰ can be disposed of in the household waste. The disposal generally conforms with the national and local specifications.

Safety note:

According to the available specifications and guidelines, the product is not a hazardous substance.