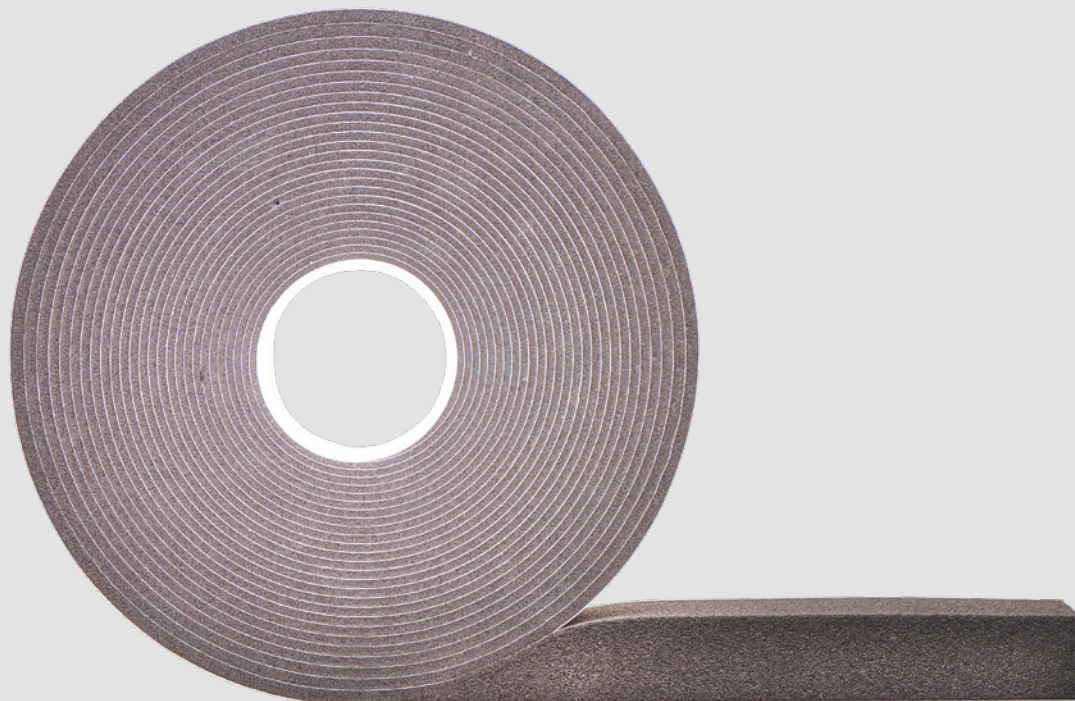




The blaugelb Multifunctional Tape TrioSDL<sup>600</sup> exhibits the highest performance on all 3 levels of the connecting joint.



## blaugelb Multifunctional Tape TrioSDL<sup>600</sup>

Sealing of all 3 levels of the connecting joint with only one product.

### Product features:

The blaugelb Multifunctional Tape TrioSDL<sup>600</sup> is a pre-compressed 3-level sealing tape based on a special impregnated PU foam. The abbreviation **SDL<sup>600</sup>** stands for its properties:

- **Watertight against driving rain** over 600 Pa and weather-resistant (BG 1 tested) on the outside
- **Insulation** against sound and heat in the functional level
- **Airtight** and forms a barrier against vapour on the room side (BG-R tested)

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- Only 1 product and only 1 assembly step for sealing all 3 levels
- Sealing that is watertight against driving rain over 600 Pa and open to vapour diffusion for the outer level
- Sound and thermal insulation in the centre level
- Airtight and forms a barrier against vapour in the inner level according to BG R
- Component inspection according to ift guideline MO-01 / 1 : 2007-01



Due to its special properties, it is used for sealing of the three levels of connecting and expansion joints for windows and doors. The year-round drying of the joint according to EnEV and DIN 4108-3 is ensured here and confirmed by the ift Rosenheim Institute. The permanent functional capacity was verified in a component inspection according to ift guideline MO-01 / 1 : 2007-01. The assembly can be performed irrespective of the weather. Because the sealing of the joint with blaugelb Multifunctional Tape TrioSDL<sup>600</sup> only requires one step, it offers considerable potential savings in terms of the money and time required for the sealing.

Affix the blaugelb Multifunctional Tape TrioSDL<sup>600</sup> on the window profile using the factory-side self-adhesive and press it on. Always form a butt joint with the corners and ends of the tape. Always add a tape reserve of approx. 15 mm. The grey impregnated side of the tape must be installed facing the room side.

The self-adhesive has an outstanding adhesion on commercially available window profiles. The pre-compressed blaugelb Multifunctional Tape TrioSDL<sup>600</sup> has a high resilience and expands automatically to the exiting joint widths. With just a few tape dimensions, different joint tolerances can thus be compensated. Component movements are safely absorbed and tears in the joint are avoided. The blaugelb Multifunctional Tape TrioSDL<sup>600</sup> can be plastered and painted over and thus be installed completely hidden. It is suitable for restoration as well as for new construction.

## Product benefits:

- Only 1 product and only 1 assembly step for sealing all 3 levels
- Sealing that is watertight against driving rain over 600 Pa and open to vapour diffusion for the outer level
- Sound and thermal insulation in the centre level
- Airtight and forms a barrier against vapour in the inner level according to BG R
- Component inspection according to ift guideline MO-01 / 1 : 2007-01
- BG 1 – tested according to DIN 18542
- Moisture and temperature-resistant
- Simple and fast handling with a self-adhesive strip, saves time and money
- High adhesive strength of the self-adhesive on the standard construction window and door profiles\*
- Flexible, absorbs component movements
- High resilience, different joint widths are covered with a few tape dimensions
- Assembly possible irrespective of the weather
- Building material class B1 – difficult to ignite (according to DIN 4102)
- Joint sealing as per EnEV, DIN 18355
- Joint sealing compliant with Leitfaden zur Planung und Ausführung der Montage von Fenstern und Haustüren für Neubau und Renovierung [Guideline for Planning and Implementation of Installation of Windows and Entry Doors for New Construction and Refurbishment]
- Manufactured under an ISO 9001/EN 29001-compliant quality system
- Tested to be low in pollutants according to EMICODE EC1 Plus

\*Carry out suitable pretests.

## Technical data:

Material:	Special impregnated PU foam
Building material class: <b>DIN 4102</b>	B1 (difficult to ignite)
Stress group: <b>DIN 18542</b>	BG 1 and BG R
Watertightness against driving rain: <b>DIN EN 1027</b>	≥ 600 Pa
Joint permeability coefficient: <b>DIN EN 12114</b>	$a \leq 0.1 \text{ m}^3 / [\text{h} \cdot \text{m}^2 (\text{daPa})]$
Thermal conductivity: <b>DIN EN 12667</b>	$\lambda = 0.048 \text{ W/m} \cdot \text{K}$
Joint sound insulation:	Up to 59 dB (joint plastered over on both sides)
Thermal shock resistance: <b>DIN 18542</b>	From -30 °C to +80 °C
Compatibility with adjacent building materials: <b>DIN 18542</b>	Satisfied
Light and weather resistance: <b>DIN 18542</b>	Satisfied
Water vapour diffusion resistance: <b>DIN EN ISO 12572</b>	$\mu \leq 100$
sd-value:	Open to vapour diffusion
U-value with window construction depth 64 / 74 / 84 mm: <b>DIN 4108-3</b>	$U = 0.75 / 0.65 / 0.57 \text{ W/(m}^2 \cdot \text{K)}$
Processing temperature:	+5 °C to +30 °C
Dimension tolerance: <b>DIN 7715 T5 P3</b>	Satisfied
Storage temperature:	At +1 °C to +20 °C
Shelf life:	12 months with dry storage in unopened original packaging, standing upright
Colour:	Anthracyte, inside impregnated grey

Product name	PU	Item no.
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 30/6-15	10 x 15 m	0424606
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 35/6-15	8 x 15 m	0424607
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 40/6-15	7 x 15 m	0424608
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 54/6-15	7 x 15 m	0418782
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 64/6-15	6 x 15 m	0418785
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 74/6-15	5 x 15 m	0418786
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 84/6-15	4 x 15 m	0418787
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 30/10-20	10 x 12 m	0424609
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 35/10-20	8 x 12 m	0424610
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 40/10-20	7 x 12 m	0424611
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 54/10-20	7 x 12 m	0418788
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 64/10-20	6 x 12 m	0418789
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 74/10-20	5 x 12 m	0418790
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 84/10-20	4 x 12 m	0418791
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 54/15-30	7 x 8 m	0418821
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 64/15-30	6 x 8 m	0418822
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 74/15-30	5 x 8 m	0418823
blaugelb Multifunctional Tape TrioSDL <sup>600</sup> 84/15-30	4 x 8 m	0418824



## Preparation and processing:

The surface must be solid, dry, clean and free of grease, separating agents, solvents, dust, ice and loose parts. The blaugelb Multifunctional Tape TrioSDL<sup>600</sup> can be processed irrespective of the weather (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. When selecting the suitable tape dimension, the tolerances present in the construction and the specifications for the range of applications for the multifunctional tape on the label of the box must be observed. Unwind the blaugelb Multifunctional Tape TrioSDL<sup>600</sup> from the roll and cut it to the required length, adding approx. 1 cm for expansion compensation for each linear metre. The joint sealing using multifunctional tapes is to be performed as a "shadow gap"; they are to be installed at a distance of approx. 2 mm from the joint edge.

Remove the masking paper from the self-adhesive, bond this to the smooth surface of the joint face of the component to be sealed and press it on. Do not pull the blaugelb Multifunctional Tape TrioSDL<sup>600</sup> around/over corners. Always tamp down multifunctional tapes at the corners and the ends of the tape, adding approx. 15 mm of material. The blaugelb Multifunctional Tape TrioSDL<sup>600</sup> expands automatically and creates a joint sealing watertight against driving rain following a weather-dependent adjustment phase. Align and secure the window element in the jamb.

## 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. Always store cardboard boxes upright.

## Disposal:

Scraps of the blaugelb Multifunctional Tape TrioSDL<sup>600</sup> 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.