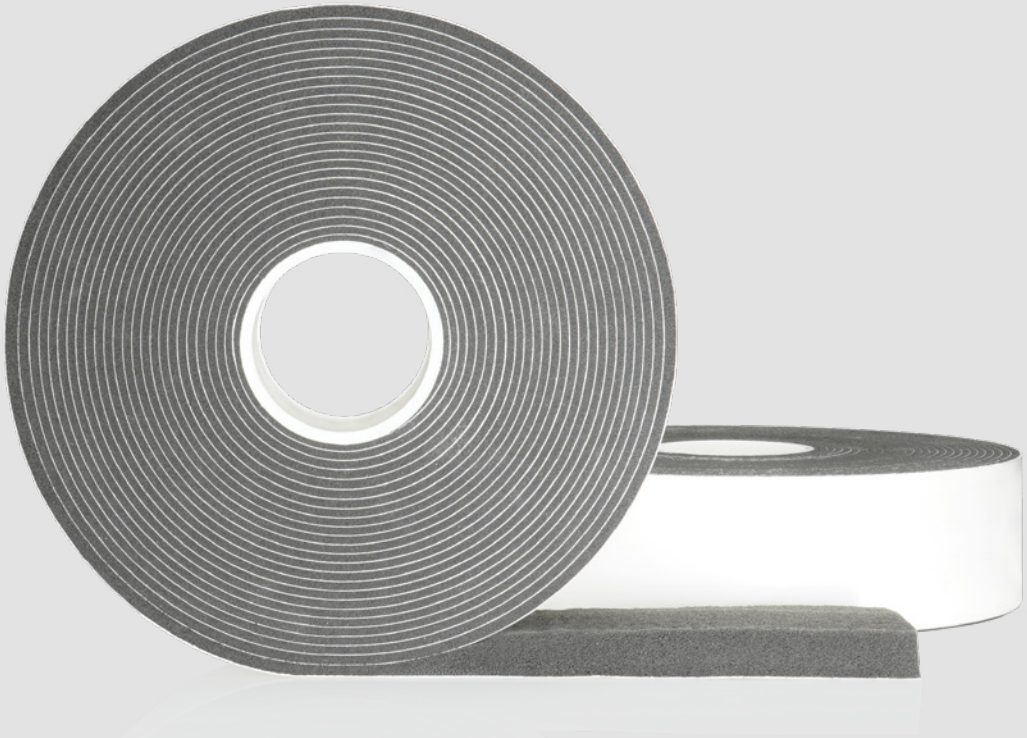
The blaugelb MF1 Multifunctional Tape Trio**SDL**^{600} exhibits the highest performance on all 3 levels of the connecting joint.



blaugelb MF1 Multifunctional Tape Trio**SDL**^{600}

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

Product features:

The blaugelb MF1 Multifunctional Tape Trio**SDL**^{600} is a pre-compressed 3-level sealing tape based on a special impregnated PU foam. The abbreviation **SDL**^{600} stands for its properties:

- **Watertight against driving rain** over 600 Pa and weather-resistant (MF 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 (MF1 tested)

The blaugelb MF1 Multifunctional Tape Trio**SDL**^{600} is a pre-compressed 3-lev-

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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 MF1
- High protection against water ingress thanks to the membrane

el sealing tape with a multi-tiered design for sealing and insulating the connecting joint with only one product. The multi-tiered design is ideally adapted to the three levels of the connecting and expansion joints on windows and doors. The assembly can be performed irrespective of the weather. Because the sealing of the joint with blaugelb MF1 Multifunctional Tape Trio**SDL**[600] only requires one step, it offers considerable potential savings in terms of the money and time required for the sealing.

A new feature is the hybrid technology, which not only confirms compliance with the stricter standard requirements of DIN 18542:2020 in every respect, but also ensures that the compression and stability of the tape are enhanced, thereby providing even greater safety during installation.

Affix the blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 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 self-adhesive has an outstanding adhesion on commercially available window profiles. The pre-compressed blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 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 MF1 Multifunctional Tape Trio**SDL**[600] 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
- High protection against water ingress thanks to the membrane
- Sound and thermal insulation in the centre level
- Airtight and forms a barrier against vapour in the inner level according to MF1
- Very high energy savings; the membrane acts as a convection barrier and ensures airtightness
- MF1 – tested according to DIN 18542
- Moisture and temperature-resistant
- Reduced risk of leaks during assembly
- 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
- Longer runs, resulting in less waste
- 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: **DIN 4102**	B1 (difficult to ignite)
Stress group: **DIN 18542**	MF1
Watertightness against driving rain: **DIN EN 1027**	≥ 600 Pa
Joint permeability coefficient: **DIN EN 12114**	a ≤ 0.1 m^3 / [h*m*(daPa)^n]
Thermal conductivity: **DIN EN 12667**	ƛ = 0.049 W/m*K
Joint sound insulation:	Up to 59 dB (joint plastered over on both sides)
Thermal shock resistance: **DIN 18542**	From –30 °C to +80 °C
Compatibility with adjacent building materials: **DIN 18542**	Satisfied
Light and weather resistance: **DIN 18542**	Satisfied
Water vapour diffusion resistance: **DIN EN ISO 12572**	μ ≤ 100
sd-value:	Open to vapour diffusion
U-value with window construction depth 64 / 74 / 84 mm: **DIN 4108-3**	U = 0.75 / 0.65 / 0.57 W/(m^2*K)
Processing temperature:	+5 °C to +30 °C
Dimension tolerance: **DIN 7715 T5 P3**	Satisfied
Storage temperature:	At +1 °C to +20 °C
Shelf life:	12 months with dry storage in unopened original packaging, standing upright
Colour:	Anthracite

Item name	PU	Item no.
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 64/7-15	6 x 20 m	9399567
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 74/7-15	5 x 20 m	9399568
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 84/7-15	4 x 20 m	9399569
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 30/7-20	13 x 15 m	9399564
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 35/7-20	11 x 15 m	9399565
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 40/7-20	10 x 15 m	9399566
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 54/7-20	7 x 15 m	9399570
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 64/10-20	6 x 15 m	9399571
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 74/10-20	5 x 15 m	9399572
blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 84/10-20	4 x 15 m	9399573

Preparation and processing:

The surface must be solid, dry, clean and free of grease, separating agents, solvents, dust, ice and loose parts. The blaugelb MF1 Multifunctional Tape Trio**SDL**[600] 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 MF1 Multifunctional Tape Trio**SDL**[600] 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 MF1 Multifunctional Tape Trio**SDL**[600] 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 MF1 Multifunctional Tape Trio**SDL**[600] 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 MF1 Multifunctional Tape Trio**SDL**[600] 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.

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. Therefore, they do not automatically exempt the user from carrying out their own tests. We reserve the right to make technical modifications and enhancements at any time.