

The ideal connection for all 3 sealing layers – with one tape only!



The demands made on modern building seals continually increases with regard to the environment and energy conservation. The pintaband 3completePlus is ideally suited for primary seals of joints and uneven connections in window and façade construction.

>> | **Contact details**

- we gladly provide individual advice – please don't hesitate to call our service hotline

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The ideal connection between brickwork and windows – pintaband 3completePlus

The pintaband 3completePlus is a tape for all functional areas of the window assembly. It is a specially impregnated, pre-compressed multifunctional tape, utilized for wind and driving rain resistant sealing, as well as heat insulation and sound absorption.

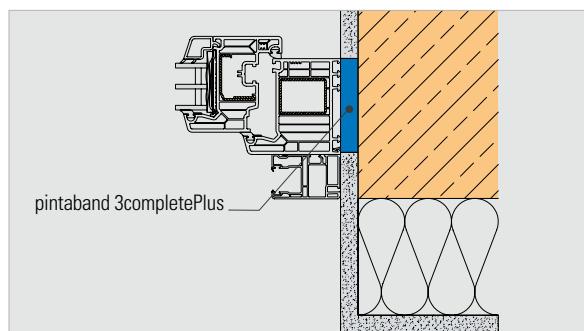
The gradient of impregnation of the tape with various densities ensures the principle: "inside sealed tighter than outside". The lateral surface of the tape is marked appropriately for a better distinction and always has to face toward the room interior.

Areas of application

- Window construction
- Façade engineering



Application sketch



>> Are you familiar with the alternative?

- pintaband 3complete Renova – the multifunctional sealing tape, specifically for the restoration of old buildings



Colour / Delivery form

- black (the inner surface is marked accordingly)
- pre-compressed on rolls

Characteristics*

- heat insulating and sound absorbing (59 dB)
- Exterior/weather side: wind/driving rain resistant ≥ 600 Pa
- open to vapour diffusion according to DIN 18542 BG1
- Reaction to fire according to DIN 4102-1 B1, ABP-no. P-NDS04-761
- Compatibility with adjoining building materials tested according to DIN 18542 BG1
- consistent quality guaranteed through regular third-party and self-monitoring; tested by BBS Institute for constructional physics Wolfenbüttel, ift Rosenheim, MPA Hannover

Product advantages*

- meets the requirements of DIN 18542 BG1 / BG R
- the gradual expansion of the sealing tape simplifies the installation
- time- and cost saving – total sealing effect in one step using only one product
- Storage time: 1 year, dry and original packaging at $< 20^\circ\text{C}$
- 10 years functional guarantee according to manufacturer's conditions**

* The characteristics are partially dependent on the amount of pressure applied. See separate handling and installation instructions.

** The manufacturer's conditions are available upon request.

Technical data

Characteristics	Classification	Norm
Foam base	Polyurethane flexible foam	
Basis of impregnation	special flame-resistant acrylate	
Joint permeability coefficient (a-value), air-tightness	$a \leq 0.1 \text{ m}^3 / [\text{h}\cdot\text{m}\cdot(\text{daPa})^2]$	DIN EN 12114
Driving rain resistance	DIN 18542 BG1 ≥ 600 Pa	DIN EN 1027
Temperature-change resistance	-20°C to $+80^\circ\text{C}$	DIN 18542 BG1
Compatibility with other building materials	Requirements fulfilled	DIN 18542 BG1
Construction material class/reaction to fire	B1, ABP-No. P-NDS04-761	DIN 4102-1
Water vapour permeability SD value	$< 0,5$ m	EN ISO 12572
Joint sound absorption, ift policy	$R_{\text{ST},w} = 59$ dB	SC-01/2:2002-09
Thermal conductivity at a tape width of 75 mm	$\lambda = 0.046 \text{ W}/(\text{m}\cdot\text{K})$ $U\text{-value} = 0.56 \text{ W}/(\text{m}^2\cdot\text{K})$	DIN EN 12667
Resistance to condensation water	Requirements fulfilled	DIN EN 2440
Durability	10 years guaranteed according to manufacturer's warranty**	
Storage time	1 year, dry and original packaging at $< 20^\circ\text{C}$	

The technical data may vary, depending on the degree of pressure applied.

Tape sizes / Delivery forms

Order identification	Window construction depth	Tape width	Area of application, joint width from – to, max.	Roll length	Content per package
64 / 4 – 9	70 mm	64 mm	4 – 9 mm	8,00 m	56,00 m
64 / 6 – 16	70 mm	64 mm	6 – 16 mm	8,00 m	56,00 m
64 / 10 – 20	70 mm	64 mm	10 – 20 mm	6,00 m	42,00 m
64 / 15 – 30	70 mm	64 mm	15 – 30 mm	4,00 m	28,00 m
74 / 4 – 9	80 mm	74 mm	4 – 9 mm	8,00 m	48,00 m
74 / 6 – 16	80 mm	74 mm	6 – 16 mm	8,00 m	48,00 m
74 / 10 – 20	80 mm	74 mm	10 – 20 mm	6,00 m	36,00 m
74 / 15 – 30	80 mm	74 mm	15 – 30 mm	4,00 m	24,00 m
84 / 4 – 9	90 mm	84 mm	4 – 9 mm	8,00 m	40,00 m
84 / 6 – 16	90 mm	84 mm	6 – 16 mm	8,00 m	40,00 m
84 / 10 – 20	90 mm	84 mm	10 – 20 mm	6,00 m	30,00 m
84 / 15 – 30	90 mm	84 mm	15 – 30 mm	4,00 m	20,00 m

Additional sizes available upon request. Dimension tolerance according to DIN 7715 P3.

>> | Contact / Enquiry

Installation recommendations

pintaband 3completePlus – Preparation

To install the tapes, please have a measuring tape, knife or scissors, spatula and, if necessary, wedges at hand. Please remove release agents from the joint edges. After determining the depth of the window construction and the joint width (hereby taking into consideration the joint tolerance and joint movement) choose the appropriate tape size. To achieve the desired sealing effect of the installed tape, the areas of application (joint width) predetermined by us, may not be exceeded (check data sheet).

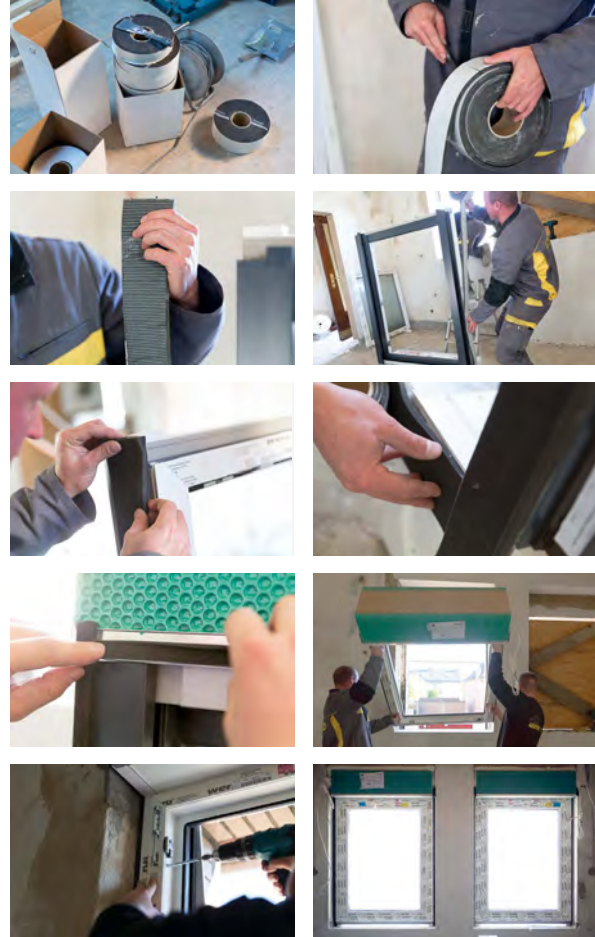
Installation process

Preparation of the tape (the marked side needs to face inwards): when cutting the tape, an allowance of no less than 1 to 2 cm per meter needs to be considered. Cut off the over-pressed front and end piece of the tape. Stick the pre-compressed tape onto the rear of the frame, starting at the bottom and working your way up. Now stick the tape onto the upper frame, making sure that the tape is not elongated.

At the end of the upper frame, press the tape against the horizontally glued tape, letting it overlap at the top for the amount of the longest joint width at least. The tape may not be attached in one piece around the frame. For security reasons, the tape must be installed at least 2 mm inwards, away from the joint front edge.

While being attached to the frame, the individual tape lengths can be extended by pushing, i.e. bumping them one against the other. Butt joints and faulty patches can be filled out with an appropriate sealing compound, e.g. pinta fenband Kleber/glue.

The expansion of the tape depends on the temperature of the joints and the environment. The tape should not be stored at temperatures > 20 °C for a longer period of time. At lower temperatures, we recommend storage of the material at a room-temperature of 20 °C for at least 24 hours before installment.



Please note

The functional efficiency of the tape can only be achieved if it is installed or applied according to our respective processing rules and was, or is, not exposed to any unforeseeable influences. Disintegration due to external influences does not fall under the warranty. All assurances relate to the application of the product under Middle European weather conditions. Please find additional important product information and processing instructions in the results and processing guidelines. Our terms of sale and delivery apply (GTC).

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