

Connection tape for interior window installation according to SIA 331, highly vapour-retardant, fully self-adhesive and suitable for plastering

Application areas

The stretchable window tape is fully self-adhesive on one side and enables easy installation without film adhesive. Wikofix-FBI-SW is suitable for all types of window frames (wooden, PVC and metal windows and combinations of these), like e.g.

- Wikofix-FBI-SW seals the inside of the window, between the window frame and the brickwork, providing a permanent vapour barrier; ideal for Minergie compliant window connections
- for assembly tasks; ideal for fulfilling standard SIA 331 (CH) or the current RAL installation guidelines (DE) and DIN 4108-7
- especially suitable for window manufacture, doors, in the field of insulation, metal construction, timber frame construction, new buildings, plasterers

Product benefits

- **white**
- full-surface self-adhesive tape underside with easy-to-use, split cover film
- good elasticity / directional flexibility ensures absorption of structural movements
- high initial adhesion, has an extremely
- guarantees constant tightness of the connection joints
- good moisture resistance
- outstanding processing (even at low temperatures)
- no additional adhesives required for installation, making it extremely easy and time-saving to use
- no soiling of the window surface due to liquid adhesive systems
- resistant to alkalis (fresh plaster) and microorganisms
- can be plastered over, recoatable
- no plaster cracks
- solvent-free

Restrictions

Not recommended for use in standing water.

Processing

The bonding surfaces must be dry and free of dust and grease. In particular, the substrate on the masonry must be permanently sound and sufficiently level (smooth finish).

Pre-coat highly absorbent and porous substrates with Wi-Primer V-11 or Wi-Primer V-12. Clean non-absorbent surfaces with Wisaclean R 216 or Wisatyp TL 16 (e.g. in window frames). Check treated and non-absorbent surfaces with an adhesion test.


Uneven substrates can also be levelled using Wikoplast-HPW or Wikoplast-MSW.

Cut Wikofix window tape OUTSIDE to 5 - 10 cm excess length. Removable one side of the masking paper and carefully press the tape onto the installed window (depending on the installation method, this may be

done before the window is installed) and repeat the process around the window. Then stick the tape onto suitable or appropriately prepared masonry. Our HAR 40 hand pressure roller is ideal for optimisation of belt pressure.

To insulate the gap, we recommend using our mounting foams or SW 34 joint filling material made from 100 % sheep wool.

The RAL installation regulations for airtight installation must be observed during the entire installation process.

Tape composition	4-layer combination: polyolefin fleece / functional membrane made of high-quality polymer film / polyolefin fleece / full-surface self-adhesive acrylate coating with cover paper divided in the centre
Stretchability	Good elasticity in the transverse direction of the belt (absorbs movement between structures).
Surface weight	ca. 375 g/m ² (measured incl. adhesive and masking paper)
Maximum tensile force	Longitudinal: >130 N / 5 cm (acc. to DIN EN 12311-2 / A) Transversal: >70 N / 5 cm
Elongation at maximum tensile force	Longitudinal: >70 % (acc. to DIN EN 12311-2 / A) Transversal: >90 %
Airtightness	$a < 0.1 \text{ m}^3/(\text{m}^2 \cdot \text{h} \cdot (\text{daPa})^{2/3})$ (acc. to DIN 4108, based on DIN EN 1026)
Water pressure resistance	≥400 cm water column (acc. to DIN EN 20811)
sd-value	ca. 30 m (water-vapour-diffusion-equivalent-air layer thickness) (acc. to DIN ISO 12572)
Fire behaviour (Foil)	Fire classification E acc. to DIN EN 13501-1 (normally flammable)
UV stability by outdoor weathering	not applicable (indoor area)
Plasterability	optimum plaster anchoring on tape and wall
Temperature resistance	from -40 °C up to +80 °C
Processing temperature	recommended from +5 °C up to +40 °C (possible from -10 °C component temperature)
Further information	 <p>More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.</p>
Colour	white

**Standard stock
dimensions**

Width	MOQ*	Packing Unit	Item no.
100 mm	40 m	3 rolls of 40 m = 120 m	FBI-SW 100.3x40
150 mm	40 m	2 rolls of 40 m = 80 m	FBI-SW 150.2x40

*MOQ = minimum order quantity (1 roll)

Other widths from 50 mm to 500 mm or other roll lengths with corresponding quantities are available on request.

Shelf life

In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is 24 months from date of production (the printed expiry date is decisive).

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.