

PHS Fusion Variable Plus

One-sided, full-surface adhesive window tape with a polymer film laminated with non-woven fabric on both sides. For the bonding of connection joints on windows and outer doors in masonry and timber frame constructions.

Attributes

- Multi-use with one tape for internal and external sealing.
- Sd variable moisture management and dependent on the local humidity.
- Accurate and speedy applications facilitated by a split liner.
- Flexible properties permit it's use on all building types.
- High tack adhesive, full cover on one side.
- Can be plastered and painted over.
- Excellent lateral flexibility accommodates any structural movement.
- High quality, correct application guarantees permanent airtightness.

Application

- Cut the tapes to desired length with an allowance of 50mm.
- Peel the liner off the tape strip and affix the tape to the window frame.
- Repeat the procedure on all sides.
- Align and affix the window element.
- Fill in the cavity between wall and window.
- Remove the second liner, adhere the tape to the masonry and rub well.
- Once the tape is fully bonded to the substrate, it can be plastered over or painted.

Processing

- Surfaces must be structurally sound, dry and free of dust and grease. In addition, the surface should not be adhesion-repellent. Surfaces are to be cleaned and adhesion tests carried out prior to bonding. Finished bonds should neither be under standing water nor subject to permanent mechanical stress. Wrinkles and permanent strains must be prevented.
- Unusual stresses are to be avoided. The plaster manufacturer's instructions must be observed and plaster tests also carried out on site. The tapes must lie flat and not have any voids or bubbles.
- In the case of improper and unprofessional processing and if prerequisites for secure bonding are not met (bad substructure), this can lead to invalidating the warranty.

* This product only exhibits its key characteristics when it has been installed. We can therefore only vouch for the quality of our product if our processing instructions have been fully observed.



Technical Data

Adhesive	Modified acrylate dispersion, solvent-free
Adhesive Coating	220g/m ²
Processing Temperature	+5°C to +35°C recommended, processable from -5°C
Temperature Resistance	-40°C to +80°C, Storage at 15-25°C with rH 40-60%
Carrier Material	Special film with non-woven PP lamination
UV Resistnace	3 months
Watertightness	W1 in regards to EN 1928
Tensile Strength	Alongside 190 -40 / +80, Crosswise 150 -30 / +60, N/50mm
Elongation at Tear	Alongside 100-30 / +60, Crosswise 150-50 / +100, value in %
Moisture Variable	Sd 0.4-20m
Airtightness	Yes ($\alpha < 0.1 \text{ m}^2 / (\text{m} \cdot \text{h} \cdot (\text{daPa}^2/3))$)

Sizes

- 55/15(70mm) x 25m.
- 85/15(100mm) x 25m.
- 135/15(150mm) x 25m.
- custom sizes on request.

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