

# PHS Fusion Variable Plus Window Tape

One-sided, full-surface adhesive sealing 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.

## Advantages

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



## Sizes

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

## Technical Data

Adhesive	modified acrylate dispersion, solvent-free
Adhesive Coating	220g/m <sup>2</sup>
Processing Temperature	from -5 °C, ideal processing temperature +5 °C to +35 °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
Properties	moisture-variable sd 0.4 -20m
Dimensions	standard 25m length, widths 70/100/150 and custom-made
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 %
Watertightness	W1 in regards to EN 1928
Airtightness	Yes (a < 0.1m <sup>3</sup> / (m·h·(daPa <sup>2</sup> /3)))

\* 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.