

PHS Fusion Variable Plus Window Tape

Brand: Passive House Systems

PHS Fusion Variable Plus Window Tape is a full adhesive for fast and reliable sealing of window and door reveals. Its variable Sd membrane value protects against interstitial condensation. In the winter, the tape becomes more vapour closed ($S_d = 20m$) to prevent moisture travelling into the building fabric and condensing due to the reduced temperature. In summer, the tape becomes more vapour open ($S_d = 0.1m$) to allow any moisture that infiltrated the wall in winter to dry out internally. PHS Fusion Variable Plus Window Tape is usable for internal and external sealing, offering excellent levels of vapour control.

TECHNICAL DETAILS

Adhesive:	Modified acrylate dispersion, solvent-free, 220g/m ³
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 Resistance:	3 months
Properties:	Moisture-variable sd 0.4-20m
Elongation at Tear:	Alongside 100-30/ 60, crosswise 150-50/ 100, % value
Tensile Strength:	Alongside 190-40/ 80, crosswise 150-30/ 60, N/50mm
Watertightness:	W1 in regards to EN 1928
Airtightness:	Yes ($\alpha < 0.1m^3 / (m \cdot h \cdot (daPa \setminus uF657 / \setminus uF658))$)
Sizes & Packaging:	55/15 (70mm) x 25m 85/15 (100mm) x 25m 135/15 (150mm) x 25m

APPLICATION

Measure and cut the tape to length, with at least 5cm to spare. Peel the cover foil off the self adhesive strip and press the strip to the back of the window frame. Proceed in this way on all sides of the window frame to be sealed. The split protective foil on the full surface self adhesive layer is peeled off as required and the tape carefully pressed onto the reveals substrate. Ensure that the tapes overlap in the corners. Use a pressure roller to achieve optimal initial adhesion.



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