

PRODUCT DATA SHEET

ISO-BLOCO WIN2WALL



PRODUCT DESCRIPTION

The ISO-BLOCO WIN2WALL sealing tape is a special energy saving joint sealing product with outstanding functionality that can be used in a wide range of applications. Primarily designed as a multi-level seal for the perimeter joint between windows, doors and walls. It provides an exceptionally thermally efficient weather and air tight seal, while accommodating the constant movement between components.

The ISO-BLOCO WIN2WALL is permeable to vapour diffusion according to the RAL principles of 3-level sealing and is more air tight on the inside than the out. This guarantees that the joint will dry out completely.

APPLICATION

The ISO-BLOCO WIN2WALL is one of our range of multi-functional tapes and is specifically designed for the UK market to enhance the installation of A, A+ and A++ energy rated windows. The thermal efficiency of the tape often gives the joint between window and wall a better U-value than the window itself, saving the end user money in reduced energy bills. It is especially suitable for the secure, reliable, straightforward and time saving sealing of window and door connections. It can eliminate the need for external access during /after installation and can be applied in all weather conditions. It is a standalone product that needs no additional capping or protection against both UV and /or driving rain.

PRODUCT ADVANTAGES

- 3-level seal with just one product
- energy saving thermal insulation of the joint
- high acoustic insulation between window and wall
- easy one step application for a reliable seal
- significant cost advantage through time saving installation during fitting
- can be installed in adverse weather conditions

SERVICE

- standard sizes available from stock
- competent experienced technical support available in the field and by phone

PACKAGING

pre-compressed rolls with self-adhesion on one side (to aid installation)

ISO-BLOCO WIN2WALL

Technical data	Standard	Classification
Material description		impregnated PUR flexible foam
Base		fire-resistant polymeric dispersion
Colour		black, inside: blue
Air permeability coefficient	DIN EN 12114	$\alpha \leq 0.1 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^n]$
Impermeable to driving rain	DIN EN 1027	$\geq 600 \text{ Pa}$
Temperature stability range	DIN 18542	-30°C to +80°C
Classification according to	DIN 18542	BG 1 and BGR
UV light and weather stability	DIN 18542	requirements fulfilled
Compatibility with adjacent building materials	DIN 18542	requirements fulfilled
Dimension tolerance	DIN 7715 TP P3	requirements fulfilled
Building material class	DIN 4102	B1 (fire resistant)
Thermal conductivity	DIN EN 12667	$\lambda = 0.048 \text{ W} / \text{m} \cdot \text{K}$
Water vapour diffusion resistance μ	DIN EN ISO 12572	≤ 100
Steam pressure gradient		outside vapour permeable (opposite to coloured side)
U-value: window construction depth 40mm / 60mm	DIN 4108-3	$U = 1.20 \text{ W} / (\text{m}^2 \cdot \text{K}) / 0.75 \text{ W} / (\text{m}^2 \cdot \text{K})$
Shelf life		12 months, dry and in original packaging
Storage temperature		+1°C to +20°C

Tape width / area of application	Recommended joint width*	Carton (metres)	Thermally suitable for UK energy rated windows
40 / 2 – 8 mm	2 – 8 mm	120m	C, B and A rated
64 / 2 – 8 mm		90m	A+ and A++ rated

Alternative dimensions available on request.

* Movement of the components and temporary changes of length of the existing joints should be taken into account when determining the right strip size.



Installation example: ISO-BLOCO WIN2WALL



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