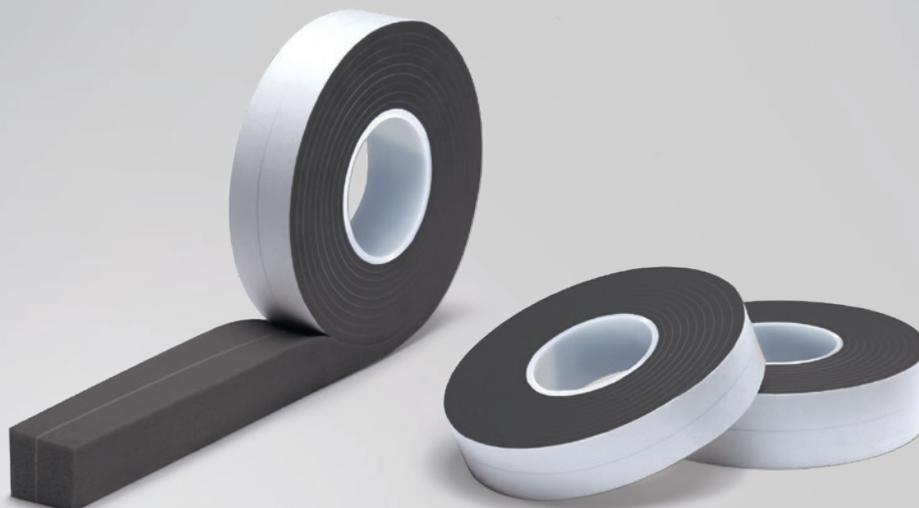


# PRODUCT DATA SHEET

## ISO-BLOCO AIR



### PRODUCT DESCRIPTION

ISO-BLOCO AIR is an absolutely air tight, pre-compressed and self-expanding joint sealing tape. With its proven hybrid technology, ISO-BLOCO AIR meets the requirements of the Building Energy Act (GEG) for 100% air tight building envelopes and joints. The thermal reduction function in the construction joint is enhanced due to the effective sandwich design. The most important key indicators for ISO-BLOCO AIR are the  $\alpha$ -value of  $\approx 0.00 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$ , the impermeability to driving rain of more than 750 Pa and fulfilment of the requirements of BG 1 and BGR in a single tape.

### APPLICATION

ISO-BLOCO AIR can be used in new builds and renovations. As joint sealing tape 4.0 it meets the requirements of ultra-modern buildings such as low energy, passive and even zero energy or plus energy houses. Permanent functional joint seals in building constructions are guaranteed. ISO-BLOCO AIR ensures simple, reliable and energy-saving seals between mineral, metal, wood and drywall materials, in the sealing of precast concrete units, in masonry joints and in window or door installation.

### PACKAGING

Pre-compressed rolls with one side self-adhesive (to aid installation), roll length: 6 m

### PRODUCT ADVANTAGES

- thermal reduction barrier in the energy joint due to absolute airtightness
- resistant to driving rain in excess of 750 Pa
- reliability due to wide functional ranges
- permanent movement capacity
- seals a wide range of joints with just two tape dimensions from 5 – 34 mm
- complies with the DIN 18542 BG 1 / BGR
- optimum transportation of humidity
- can be painted over using standard emulsion paints
- constant quality to DIN standards and with regular controls from independent institutions
- complies with the requirements of the Building Energy Act and the recommendations of the RAL "installation guide"
- 10 Year Function Warranty\*

\* On the conditions of the manufacturer (available on request).

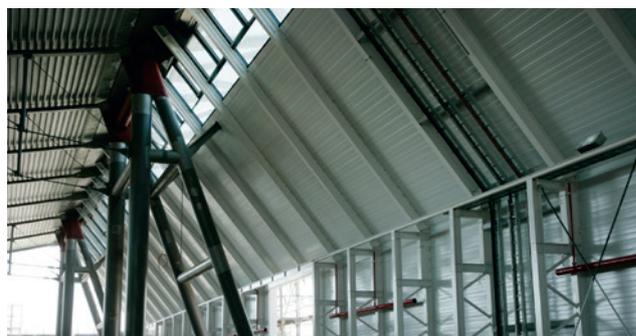


# ISO-BLOCO AIR

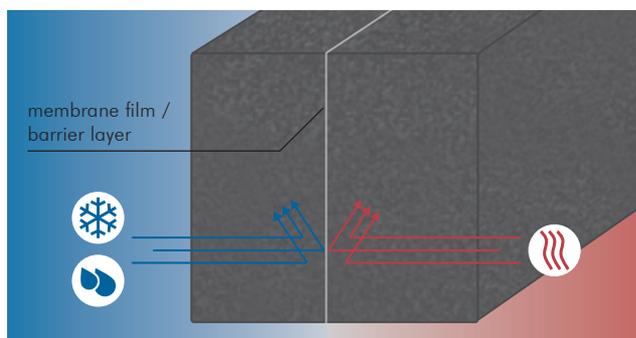
Technical data	Standard	Classification
Material description		impregnated PUR flexible foam with hybrid technology
Base material		flame resistant polymer dispersion
Colour		anthracite
Classification according to	DIN 18542	BG 1 and BGR
Airtightness (External application BG 1)	DIN EN 12114	$a \approx 0.0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$
Airtightness (Internal application BGR)	DIN EN 12114	$a \approx 0.0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$
Impermeable to driving rain, single joint	DIN EN 1027	$\geq 750 \text{ Pa}$
Impermeable to driving rain, joint intersection	DIN EN 1027	$\geq 750 \text{ Pa}$
Temperature stability range	DIN 18542	-30 °C to +90 °C
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	$\lambda_{10, \text{tr}} \leq 0.048 \text{ W} / \text{m} \cdot \text{K}$
Shelf life		1 year, dry and in original packing
Storage temperature		+1 °C to +20 °C



Installation example: ISO-BLOCO AIR



Installation example: ISO-BLOCO AIR



Tape width / area of application	Recommended joint width*	Carton (metres)
20 / 5 – 17 mm	5 – 17 mm	78
35 / 10 – 34 mm	10 – 34 mm	48

Alternative dimensions available on request

\* Movements in structural elements and temporary longitude changes are to be taken into account when determining the max. joint width.

The details and information given in this literature are based on best current knowledge. They are intended to serve as general information only and it is advised that the user conducts their own tests for their specific set of conditions to determine the suitability of the product for its proposed use. No warranty or liability is given or implied regarding any part of these instructions or details, or the completeness of the information. We reserve the right to modify, or change, the specifications and information without advance notification. All goods are supplied subject to our standard conditions of sales, copies of which are available upon request.