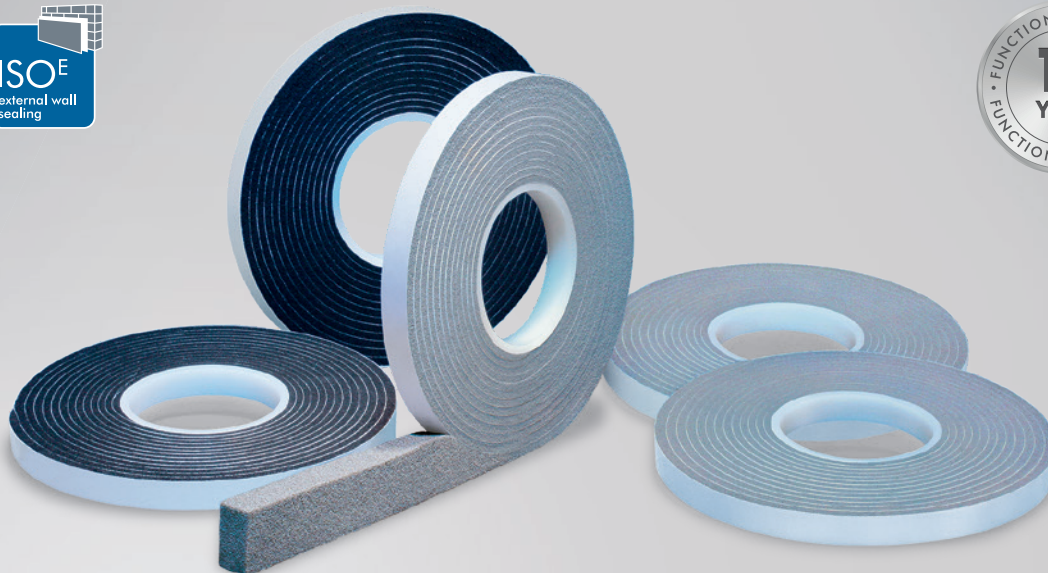


PRODUCT DATA SHEET

ISO-BLOCO 300 PREMIUM EDITION



PRODUCT DESCRIPTION

ISO-BLOCO 300 is a polymer dispersion impregnated PUR sealing tape. In its compressed state it is ideal for use against driving rain, dust and drafts. With the appropriate compression, it offers a reliable protection against driving rain to a minimum of 300Pa (this is equivalent to strong gale force 9). ISO-BLOCO 300 can also be used as sound insulation. It meets the high qualification requirements for the BG2 classification, in accordance with DIN 18542:2020.

APPLICATION

ISO-BLOCO 300 is suitable for sealing joints and connections in building constructions and facades. It is particularly suitable for applications involving windows, metal, masonry, wood and drywall constructions. ISO-BLOCO 300 can also be used as a thermal barrier tape.



PRODUCT ADVANTAGES

- complies with DIN 18542 BG 2 and UK Building Regulations
- seals against driving rain, wind and dust
- permanently elastic with life long movement capacity
- vapour diffusion permeable – breathable
- thermal and acoustic insulating properties
- self-adhesive to aid installation / location
- can be painted with standard emulsion paints
- compatible with all known building materials / areas
- constant quality control to DIN standards
- complies with the requirements of the Building Energy Act (EnEV was valid 31.10.20) and the recommendations of the RAL "installation guide"
- 10 Year Function Warranty*

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



ISO-BLOCO 300

PREMIUM EDITION

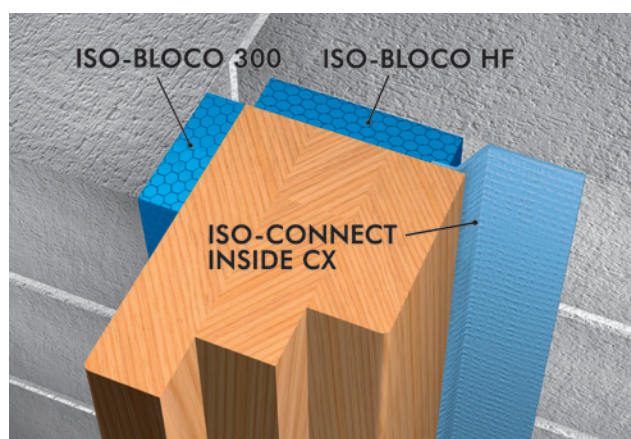


Technical data	Standard	Classification
Material description		impregnated PUR flexible foam
Impregnant		fire resistant polymeric dispersion
Colour		grey, black
Classification, according to	DIN 18542	BG 2
Air permeability coefficient	DIN EN 12114	$\alpha < 1.0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^n]$
Impermeable to driving rain, single joint	DIN EN 1027	$\geq 300 \text{ Pa}$
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 T5 P3	requirements fulfilled
Building material class	DIN 4102	B1 (fire resistant)
Thermal conductivity	DIN EN 12667	$\lambda = 0.043 \text{ W/m} \cdot \text{K}$
Water vapour diffusion resistance μ	DIN EN ISO 12572	≤ 100
ETA - 07/0073		CE mark since 2007
sd-value	DIN EN ISO 12572	$\leq 0.5 \text{ m}$ for 50 mm width (vapour diffusion permeability)
Shelf life		1 year, dry and in original packing
Storage temperature		+1 °C to +20 °C

Tape width / area of application	Recommended joint width*	Carton (metres)
8 / 1 – 2 mm	1 – 2 mm	740.0
10 / 1 – 2 mm		600.0
15 / 1 – 2 mm		400.0
10 / 1 – 4 mm	1 – 4 mm	390.0
15 / 1 – 4 mm		260.0
20 / 1 – 4 mm		195.0
10 / 2 – 6 mm	2 – 6 mm	360.0
15 / 2 – 6 mm		240.0
20 / 2 – 6 mm		180.0
10 / 4 – 9 mm	4 – 9 mm	240.0
15 / 4 – 9 mm		160.0
20 / 4 – 9 mm		120.0
12 / 5 – 12 mm	5 – 12 mm	140.0
15 / 5 – 12 mm		112.0
20 / 5 – 12 mm		84.0
15 / 6 – 15 mm	6 – 15 mm	86.0
20 / 6 – 15 mm		64.5
30 / 6 – 15 mm		43.0
20 / 9 – 20 mm	9 – 20 mm	99.0
25 / 9 – 20 mm		79.2
30 / 9 – 20 mm		66.0
25 / 11 – 25 mm	11 – 25 mm	62.4
30 / 11 – 25 mm		52.0
40 / 11 – 25 mm		36.4

Alternative dimensions available on request.

* Movement in the structure and temporary longitude changes are to be taken into account when determining the max. joint width.



Installation example: ISO³-WINDOW SEALING SYSTEM

SERVICE

- standard sizes available from stock
- private label and / or special labelling available
- non-standard widths available on request
- competent experienced technical support available in the field and by phone

PACKAGING

pre-compressed rolls with one side self-adhesive (to aid installation) in cardboard cartons