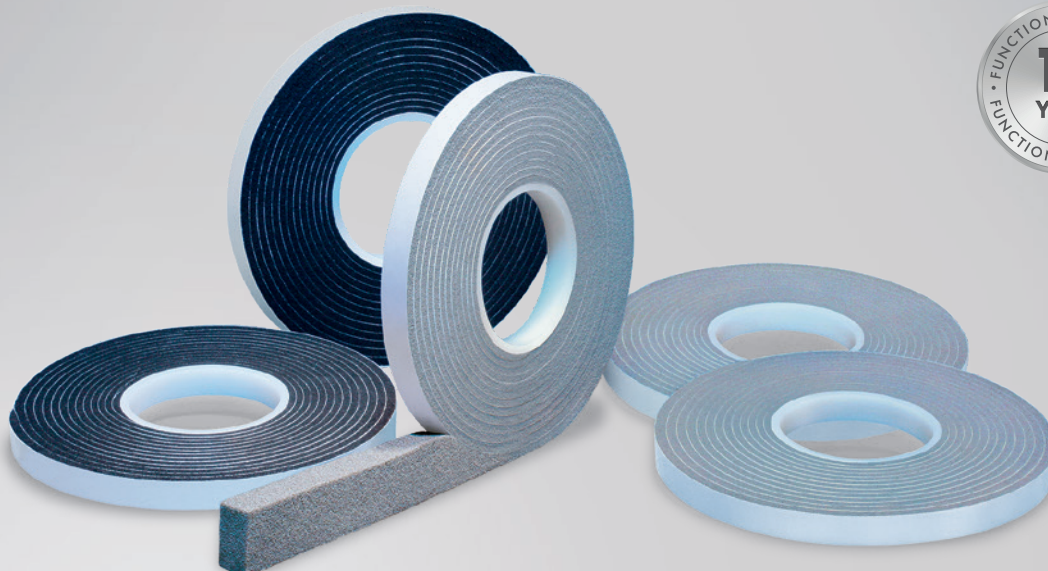


PRODUCT DATA SHEET

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 300 Pa. ISO-BLOCO 300 can also be used as sound and thermal insulation. It meets the high qualification requirements for the BG 2 classification, in accordance with DIN 18542.

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.

PACKAGING

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

PRODUCT ADVANTAGES

- complies with DIN 18542 BG 2 and UK Building Regulations
- seals against driving rain, wind, dust and splashwater
- permanently elastic with life long movement capacity
- thermal and acoustic insulating properties
- self-adhesive to aid installation / location
- can be painted over 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 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
Base		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
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)
Fire behaviour	DIN EN 13501-1	E
Thermal conductivity	DIN EN 12667	$\lambda = 0.043 \text{ W} / \text{m} \cdot \text{K}$
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

Area of application joint width	Roll length (metres)	Tape width (mm) / Carton contents (metres)				
		10	15	20	30	40
1 mm	20.0	600.0	400.0	300.0	-	-
1 – 2 mm	13.0	390.0	260.0	195.0	130.0	-
1 – 4 mm	12.0	360.0	240.0	180.0	120.0	-
2 – 6 mm	8.0	240.0	160.0	120.0	80.0	-
4 – 9 mm	5.6	-	112.0	84.0	56.0	-
5 – 12 mm	4.3	-	86.0	64.5	43.0	30.1
6 – 15 mm	6.6	-	-	99.0	66.0	46.2
9 – 20 mm*	6.0	-	-	90.0	60.0	42.0

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.

* HYFI-TECH

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