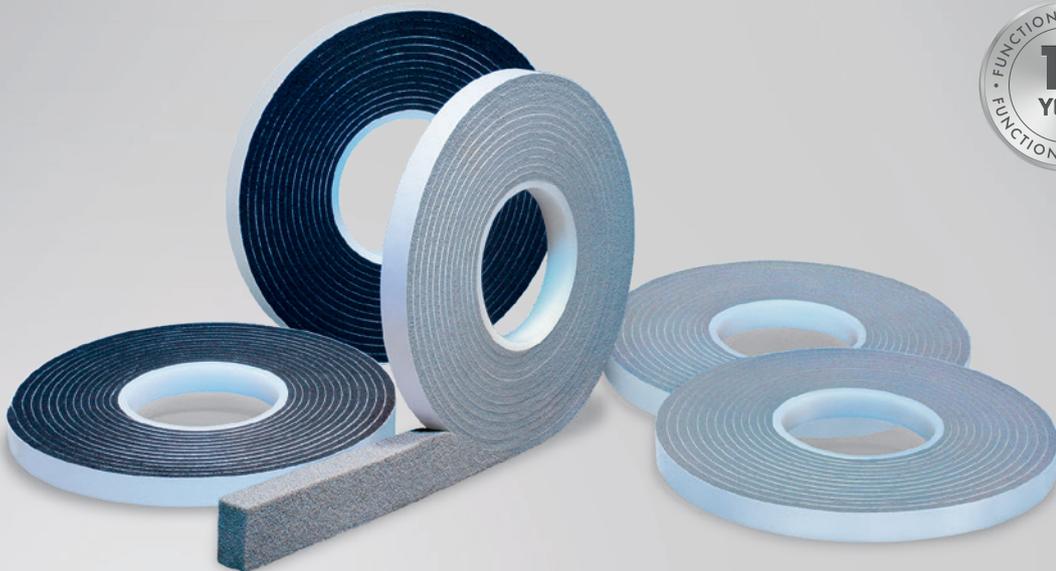


PRODUCT DATA SHEET

ISO-BLOCO 300 PREMIUM EDITION

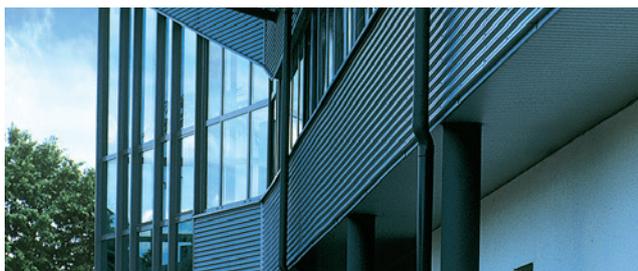


PRODUCT DESCRIPTION

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 BG2 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

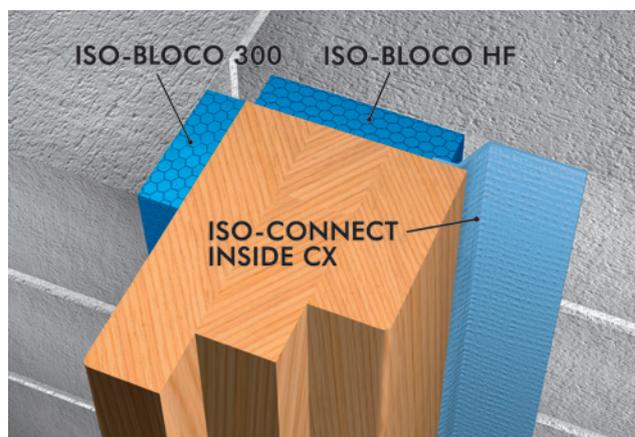


| Technical data | Standard | Classification |
|--|------------------|--|
| Material description | | impregnated PUR flexible foam |
| Impregnant | | fire resistant polymeric dispersion |
| Colour | | grey, black |
| Classification, according to | DIN 18542 | BG2 |
| Air permeability coefficient | DIN 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