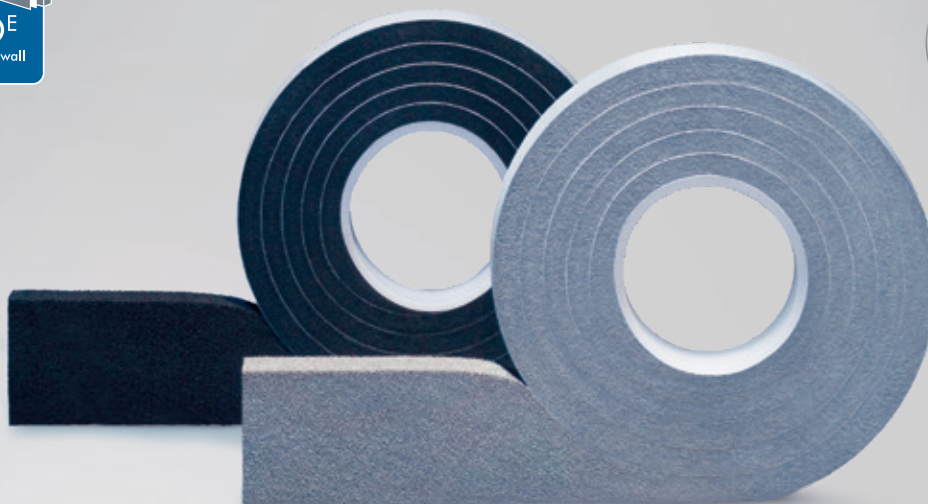


PRODUCT DATA SHEET

ISO-BLOCO 600 PREMIUM EDITION



PRODUCT DESCRIPTION

ISO-BLOCO 600 is a PUR sealing tape impregnated with a fire resistant polymeric dispersion. It is specially designed for joints in buildings up to 100 m high, in accordance with DIN 18055.

ISO-BLOCO 600 fulfils the stringent requirements of the DIN 18542 edition 2009. In addition to providing protection against driving rain to a minimum of 600 Pa (equivalent to wind force 11 – Violent Storm) the vapour permeable joint sealing tape also possesses outstanding thermal and acoustic characteristics, as well as allowing for diurnal movement.

APPLICATION

A versatile product that has a wide range of uses, but generally for sealing construction joints (including moving joints) in areas such as between prefabricated concrete, skylights, cladding panels, curtain walling and perimeter seals for fenestration (windows / doors). Used in a variety of construction methods and industries including, general construction & civil engineering, steel and / or timber framed buildings and modular construction.

PACKAGING & SERVICE

- pre-compressed rolls with one side self-adhesive (to aid installation) in cardboard cartons
- standard sizes available from stock
- private label and / or special labelling available

PRODUCT ADVANTAGES

- complies with the DIN 18542 BG 1 / BGR and DIN 18055
- reliability through a wider joint application range
- seals against wind, dust, driving rain
- vapour diffusion permeable
- good adhesive properties, to aid application
- permanently elastic with long term life expectancy
- can be painted over with standard emulsion paints
- compatible with all known standard building materials
- applications in all construction areas and building types are possible
- also available pre-painted as „COLOUR EDITION“
- constant quality to DIN EN ISO 9001 and DIN standards, with regular controls from independent institutions
- externally supervised by ift Rosenheim: for driving rain and air permeability (a-value)
- complies with EnEV requirements and the recommendations of the RAL "installation guide"
- 10 years externally supervised outdoor weathering
- 10 Year Function Warranty*

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



ISO-BLOCO 600 PREMIUM EDITION

| Technical data | Standard | Classification |
|---|------------------|---|
| Material description | | impregnated PUR flexible foam |
| Basis | | fire resistant polymeric dispersion |
| Colour | | grey, black |
| Classification, according to | DIN 18542 | BG 1 and BGR |
| Airtightness (External application BG 1) | DIN EN 12114 | $a \leq 1.0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$ ift externally supervised |
| Airtightness (Internal application BGR) | DIN EN 12114 | $a \leq 0.1 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$ ift externally supervised*** |
| Impermeable to driving rain, single joint | DIN EN 1027 | $\geq 600 \text{ Pa}$, externally supervised by ift Rosenheim |
| Impermeable to driving rain, joint intersection | DIN EN 1027 | $\geq 600 \text{ Pa}$ |
| 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 |
| Long term stability | | 10 year performance guarantee* |
| ETA - 07/0072 | | CE mark since 2007 |
| sd-value | DIN EN ISO 12572 | $\leq 0.5 \text{ m}$ for 50mm width (vapour diffusion permeability) |
| Shelf life | | 2 years, dry and in original packing |
| Storage temperature | | +1°C to +20°C |

| Tape width / area of application | Recommended BG 1 joint width** | Carton (metres) |
|----------------------------------|--------------------------------|-----------------|
| 8 / 1 – 2mm | | 740.0 |
| 10 / 1 – 2mm | 1 – 2mm | 600.0 |
| 15 / 1 – 2mm | | 400.0 |
| 10 / 1 – 4mm | | 390.0 |
| 15 / 1 – 4mm | 1 – 4mm | 260.0 |
| 20 / 1 – 4mm | | 195.0 |
| 15 / 2 – 6mm | | 240.0 |
| 20 / 2 – 6mm | 2 – 6mm | 180.0 |
| 30 / 2 – 6mm | | 120.0 |
| 15 / 4 – 9mm | | 160.0 |
| 20 / 4 – 9mm | 4 – 9mm | 120.0 |
| 30 / 4 – 9mm | | 80.0 |
| 15 / 5 – 12mm | | 112.0 |
| 20 / 5 – 12mm | 5 – 12mm | 84.0 |
| 30 / 5 – 12mm | | 56.0 |
| 15 / 6 – 15mm | | 86.0 |
| 20 / 6 – 15mm | 6 – 15mm | 64.5 |
| 30 / 6 – 15mm | | 43.0 |
| 20 / 9 – 20mm | | 49.5 |
| 25 / 9 – 20mm | 9 – 20mm | 39.6 |
| 30 / 9 – 20mm | | 33.0 |
| 25 / 11 – 25mm | | 31.2 |
| 30 / 11 – 25mm | 11 – 25mm | 26.0 |
| 35 / 18 – 34mm | | 26.4 |
| 40 / 18 – 34mm | 18 – 34mm | 23.1 |
| 40 / 24 – 42mm | | 18.2 |
| 50 / 24 – 42mm | 24 – 42mm | 15.6 |



ISO-BLOCO 600 COLOUR EDITION

ISO-BLOCO 600 „COLOUR EDITION“ makes it possible to achieve stunning colour effects with structural joints in buildings up to 100 m high, saving the painstaking work of over painting. The product's excellent properties retain all the proven benefits of pre-compressed joint sealing tapes and BG1 certification, which is proof that the permanently elastic tape can be used in external joints that are directly exposed to the weather.



Alternative dimensions available on request.

** Movement in structural elements and temporary longitude changes are to be taken into account by the max. joint width.

*** In BGR tested gap dimensions.

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.