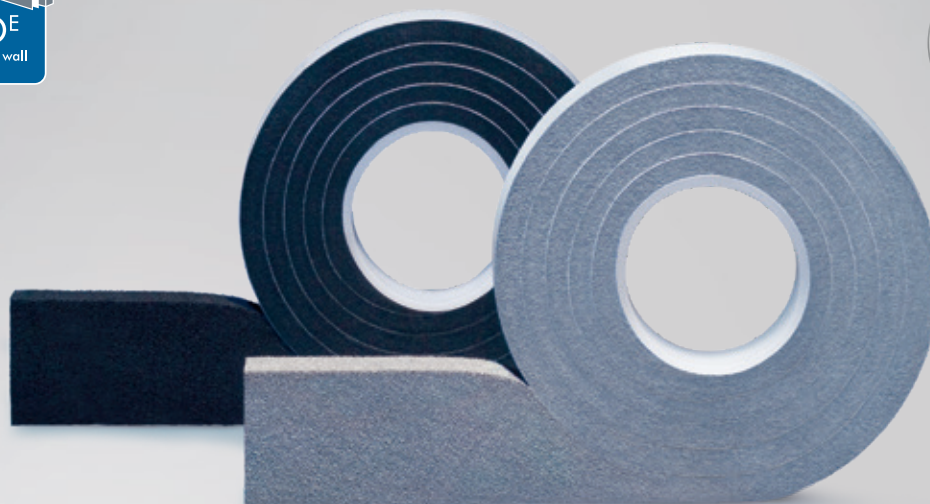


PRODUCT DATA SHEET

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“ (BG 1)
- 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
Air permeability coefficient (External application BG 1)	DIN EN 12114	$\alpha \leq 1.0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^n]$ ift externally supervised
Air permeability coefficient (Internal application BGR)	DIN EN 12114	$\alpha \leq 0.1 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^n]$ 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	$\lambda = 0.043 \text{ W} / \text{m} \cdot \text{K}$
Water vapour diffusion resistance μ	DIN EN ISO 12572	≤ 100
Long term stability		10 year performance guarantee*
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.