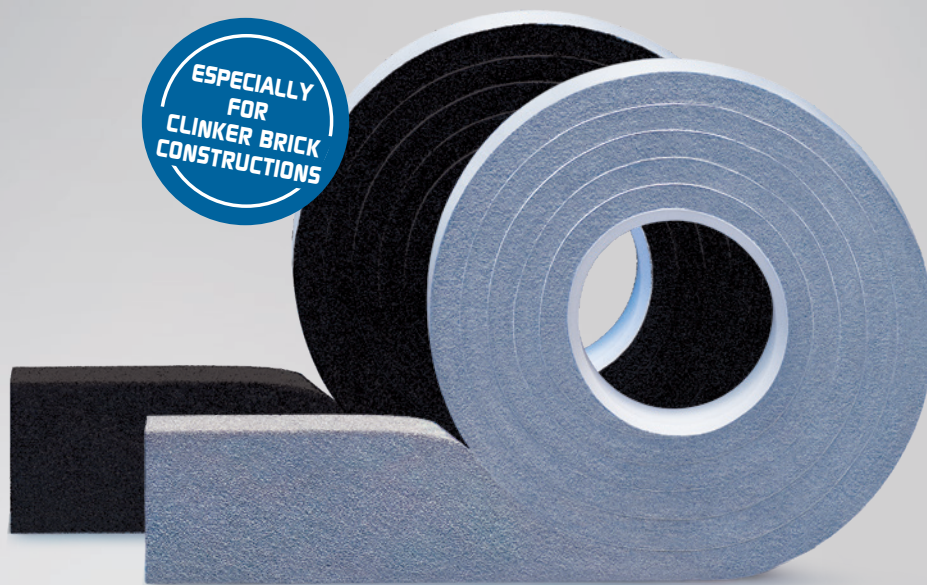


PRODUCT DATA SHEET

ISO-BLOCO 600 MAXIBOND EDITION



PRODUCT DESCRIPTION

ISO-BLOCO 600 „MAXIBOND EDITION“ is an impregnated PUR sealing tape with very high adhesive strength which offers very good initial adhesion, even on difficult substrates such as clinker or brick. The high elasticity allows the tape to cling perfectly to the joint faces on both sides. As a quality-tested BG 1 joint sealing tape, it meets the demanding requirements of DIN 18542, 2020 edition. As well as having a driving rain impermeability of more than 600Pa (corresponding to wind force 11), ISO-BLOCO 600 „MAXIBOND EDITION“ also offers outstanding sound and thermal insulation properties.

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.

PRODUCT ADVANTAGES

- Very high adhesive strength for installation, even on substrates such as clinker and brick
- Time-saving installation, regardless of the weather conditions
- Long continuous lengths for increased ease of installation and fewer tape joints
- Meets the requirements of DIN 18542:2009 BG 1
- Seals reliably against driving rain, wind, dust and splashwater
- Safety thanks to wide area of application for joints
- Vapour diffusion permeable
- Permanently elastic with long term life expectancy
- Can be painted over using standard emulsion paints
- Can be used in all areas of construction and building types
- Constant quality to DIN standards
- Complies with the requirements of the German Building Energy Act and for RAL quality-assured installation



ISO-BLOCO 600 MAXIBOND EDITION

Technical data	Standard	Classification according to DIN 18542
Material description		impregnated PUR soft foam
Base		flame-retardant polymer dispersion
Colour		black, grey
Building material class	DIN 4102-1	B1 (hardly flammable)
Air permeability coefficient if externally supervised	DIN EN 12114	$\alpha < 1.0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$
Impermeable to driving rain, if externally supervised	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
Thermal conductivity	DIN EN 12667	$\lambda = 0.043 \text{ W/m} \cdot \text{K}$
sd-value	DIN EN ISO 12572	$\leq 0.5 \text{ m}$ at 50 mm width (open to vapour diffusion)
Shelf life		2 years, stored dry and in original packaging
Storage temperature		+1 °C to +20 °C

Tape width / area of application	Recommended joint width** BG 1	Roll (metres)	Rolls / Carton	Carton (metres)
15 / 6 – 15 mm	6 – 15 mm	4,3	20	86,0
20 / 9 – 20 mm	9 – 20 mm	6,6	15	99,0

** Movement in structural elements and temporary longitude changes are to be taken into account by the max. joint width.
If you have any questions about the areas of the application, please send an e-mail to: technik@iso-chemie.de



Installation example: ISO-BLOCO 600 „MAXIBOND“

