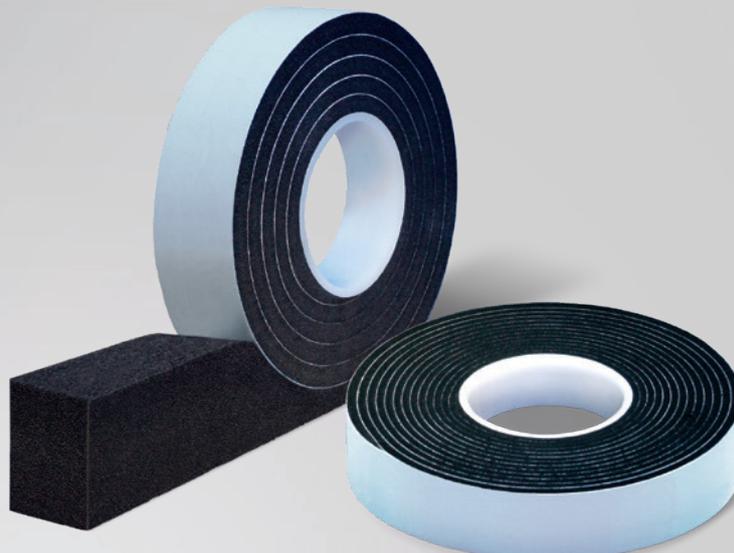


PRODUCT DATA SHEET

ISO-BLOCO T-MAX



PRODUCT DESCRIPTION

ISO-BLOCO T-MAX is a special PUR sealing tape impregnated with a fire resistant polymeric dispersion. It is specifically designed for larger joints which require large movement accommodation. In addition to supplying a weather tight seal against wind driven rain it also has thermal and acoustic insulation properties, complying with UK Building Regulations. ISO-BLOCO T-MAX is particularly well suited for multistory timber framed buildings where a large amount of differential movement is expected between fenestration or roofs and the external facades, allowing up to 39mm of movement, with a single tape. Ideal for window head or cill and under roof eaves.

APPLICATION

A versatile product that has a wide range of uses, but generally for sealing construction joints (including larger movement joints) in areas such as:

- external facade seals on timber framed buildings
- prefabricated concrete, and other material, elements (including civil engineering)
- perimeter seals for fenestration (windows / doors)
- cladding panels
- curtain walling

Used in a variety of construction methods and industries including:

- timber and / or steel framed buildings
- general construction and civil engineering
- modular construction and other MMC types

PRODUCT ADVANTAGES

- fulfils UK Building Regulations and RAL recommendations
- seals against driving rain, snow, wind and dust
- accommodates up to 39 mm of movement (> 350% MAF)
- fit and forget – no remedial visits after large movement, unlike wet sealants
- perfectly flat visual surface finish
- vapour permeable – breathable
- thermal and acoustic insulating properties
- self-adhesive to aid installation / location
- permanently elastic with long life expectancy
- can be painted with standard emulsion paints
- compatible with all known building materials
- constant quality control to DIN EN ISO 9001 and DIN standards

SERVICE

- standard sizes available from stock
- non standard lengths and widths available on request
- competent experienced technical support available in the field and by phone



ISO-BLOCO T-MAX

Technical data	Standard	Classification
Material description		impregnated PUR flexible foam
Impregnant		acrylic with flame retarding additives
Colour		black
Air permeability coefficient	DIN EN 12114	$\alpha \leq 1.0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^0]$
Impermeable to driving rain, single joint	DIN EN 1027	$\leq 450 \text{ Pa}$
Temperature stability range	DIN 18542	-30°C to $+90^\circ\text{C}$
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	$\lambda \leq 0.052 \text{ W} / \text{m} \cdot \text{K}$
Water vapour diffusion resistance μ	DIN EN ISO 12572	≤ 10
sd-value	DIN EN ISO 12572	$\leq 0.5 \text{ m}$ for 50 mm width (vapour diffusion permeability)
Shelf life		2 years, dry and in original packing
Storage temperature		$+1^\circ\text{C}$ to $+20^\circ\text{C}$

Tape width / area of application	Recommended joint width*	Roll length (metres)	Carton (metres)
40 / 11 – 40 mm	11 – 40 mm	2.6	18.2
50 / 11 – 50 mm	11 – 50 mm	2.6	15.6

PACKAGING

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

Alternative dimensions available on request.

* Movement in the structure is to be taken into account when determining the max. joint width.

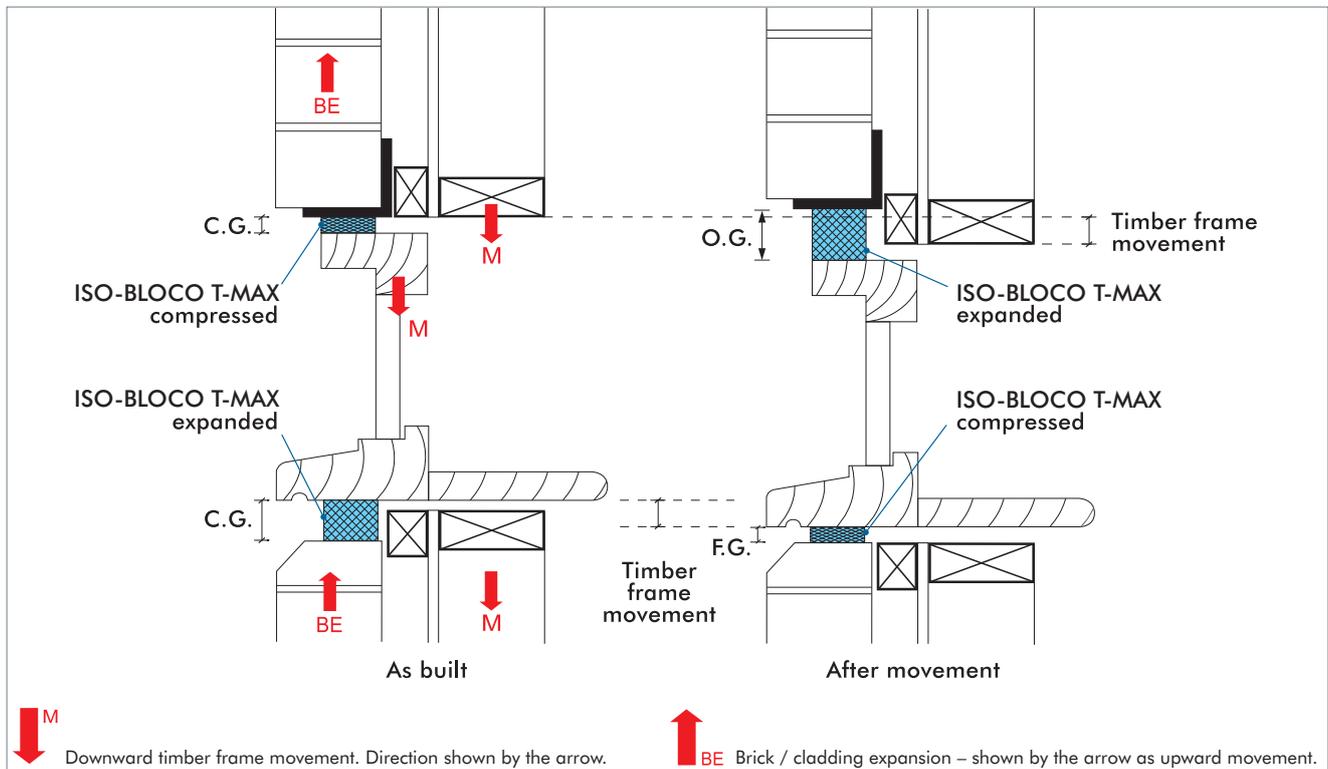


Diagram of window head and cill with masonry cladding showing before and after vertical movement.

C.G. Initial Construction Gap – “before”, F.G. Final Gap – post-movement – “after”, O.G. Opened Gap – post-movement – “after”

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.

Diagrams reproduced courtesy of STA

The latest version can be found on our website www.iso-chemie.co.uk

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