



Product

ISO BLOCO 600 PREMIUM is a high quality open cell polyurethane foam tape impregnated with a fire retardant polymer dispersion.

Application examples

ISO-BLOCO 600 PREMIUM can be used for an torrential rainproof finish up to 600Pa of joints with an opening of **up to 42 mm**. Other examples:

- Sealing of expansion joints in facades
- Sealing between dividing walls
- Connections between joinery and masonry
- Acoustic insulation of highway walls
- Roof connections
- Sealing of metal structures
- Facade sealing

Colours : black and light grey

Available versions : on rolls, pre-compressed, one-sided self-adhesive.

Properties BG1 range

- ✓ protection against driving rain up to 600 Pa
- ✓ large bypass possible (joint opening)
- ✓ 10 year performance guarantee ⁽¹⁾
- ✓ 10 years guarantee against controlled weather conditions
- ✓ meets the requirements of DIN 18 542-BG1
- ✓ permanent internal and external quality control (rainproof quality up to 600 Pa)
- ✓ European and Belgian approval
- ✓ acoustic insulation up to 58 dB
- ✓ vapour diffusion permeable
- ✓ one side self adhesive (to aid installation)
- ✓ paintable with the most common water-based paints
- ✓ compatible with most standard sealing kits
- ✓ less chemical waste on the construction site
- ✓ no CFC
- ✓ expansion even at low temperatures
- ✓ excellent UV resistance
- ✓ very high acoustic and thermal insulation thanks to permanent elasticity (ift Rosenheim 167 27659/1)
- ✓ efficient connection between construction elements
- ✓ regular inspections in accordance with DIN standards by recognised external authorities
- ✓ quick and easy to apply

Technical properties BG1 range

Property	Value + unit
Product	flexible, open-cell impregnated polyurethane foam tape
Impregnation	acrylic with fire retardant polymer dispersion
Fire class (DIN 4102)	B1 (not easily flammable), report P-261 30843-ift
Thermal conductivity (DIN EN 12667)	$\lambda=0,043 \text{ W/m} \cdot \text{k}$
Water vapour diffusion resistance (DIN EN ISO 12572)	$\mu \leq 100$
Temperature resistance (DIN EN 18542)	-30°C to + 90°C
UV resistance tested according to DIN EN 18542	excellent
Torrential rain resistance of the joints (DIN EN 1027)	$\geq 600 \text{ Pa}$ (control by the ift Rosenheim Institute)
Air tightness (outdoor application BG1) (DIN EN 12114)	$a \leq 1,0 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]$
Torrential rain resistance of cross-joints (DIN EN 1027)	$\geq 600 \text{ Pa}$
Weather resistance	resistant
Expected longevity	20 years (certification BBA08/4555)
Meets (DIN EN 18542)	BG1
μ_d value	$\leq 0,5 \text{ m}$ at 50 mm width (vapour diffusion - open)
Tolerance with other building materials (DIN EN 18542)	tolerant
Acoustic insulation	up to 58 dB (report of the ift Rosenheim Institute)
Aging	10-year performance guarantee ⁽¹⁾
Technical approvals	ETA 07/0072 ATG 2801
Max. storage life	2 years, dry, in original unopened packaging, between +1°C and +20°C.

Technical approvals



(1) According to the terms and conditions of the manufacturer, which will be sent on request. Guarantees in accordance with the manufacturer's instructions.

Note

The materials and substrate must be solid, dry, grease-, oil- and dust-free.

In the case of self-adhesive versions, the adhesive layer only serves for simple, temporary positioning of the product. The product should not be subjected to mechanical stress.

ISO BLOCO 600



Example of a cross-joint



Dimensions ISO BLOCO 600 PREMIUM EDITION

Product	joint depth* 600Pa	joint depth** BG1
10/1-4* (1-2**) 13M	1-4*	1-2**
12/1-4* (1-2**) 13M	1-4*	1-2**
15/1-4* (1-2**) 13M	1-4*	1-2**
20/1-4* (1-2**) 13M	1-4*	1-2**
25/1-4* (1-2**) 13M	1-4*	1-2**
10/1-6* (1-4**) 12M	1-6*	1-4**
12/1-6* (1-4**) 12M	1-6*	1-4**
15/1-6* (1-4**) 12M	1-6*	1-4**
20/1-6* (1-4**) 12M	1-6*	1-4**
10/2-9* (2-6**) 8M	2-9*	2-6**
12/2-9* (2-6**) 8M	2-9*	2-6**
15/2-9* (2-6**) 8M	2-9*	2-6**
20/2-9* (2-6**) 8M	2-9*	2-6**
25/2-9* (2-6**) 8M	2-9*	2-6**
30/2-9* (2-6**) 8M	2-9*	2-6**
15/4-12* (4-9**) 5,6M	4-12*	4-9**
20/4-12* (4-9**) 5,6M	4-12*	4-9**
25/4-12* (4-9**) 5,6M	4-12*	4-9**
30/4-12* (4-9**) 5,6M	4-12*	4-9**
15/5-15* (5-12**) 4,3M	5-15*	5-12**
20/5-15* (5-12**) 4,3M	5-15*	5-12**
25/5-15* (5-12**) 4,3M	5-15*	5-12**
30/5-15* (5-12**) 4,3M	5-15*	5-12**
20/6-20* (6-15**) 6,6M	6-20*	6-15**
25/6-20* (6-15**) 6,6M	6-20*	6-15**
30/6-20* (6-15**) 6,6M	6-20*	6-15**
30/9-25* (9-20**) 5,2M	9-25*	9-20**
35/9-25* (9-20**) 5,2M	9-25*	9-20**
40/9-25* (9-20**) 5,2M	9-25*	9-20**
35/11-34* (11-25**) 3,3M	11-34*	11-25**
40/11-34* (11-25**) 3,3M	11-34*	11-25**
50/11-34* (11-25**) 3,3M	11-34*	11-25**
40/18-42* (18-34**) 2,6M	18-42*	18-34**
50/18-42* (18-34**) 2,6M	18-42*	18-34**
60/18-42* (18-34**) 2,6M	18-42*	18-34**

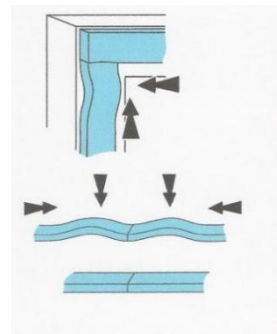
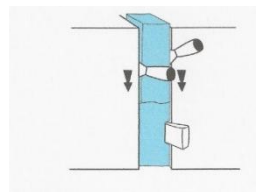
* for driving rain resistance of 600 Pa (internally tested)

** For applications in accordance with DIN 18 542 BG1, with a possible tolerance of 25%.

Component movements and temperature-dependent dimensional changes can additionally be added to the joint width.

The smallest width of the roll (= depth of the joint) of each type in the above-mentioned chart is the minimum width (i.e. minimum depth) of the joint. We can also supply **larger widths** on request.

Connections



Application

See Annexes to the Belgian Technical Approval.

Note

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 10-2014

The producer reserves the right to make changes. 2026 06 09