

ISO FLAME KOMBI F120



Product

ISO FLAME KOMBI F120 is a high quality open-cell polyurethane foam tape impregnated with a fire retardant resin for fire resistant joints.

Application examples

ISO FLAME KOMBI F120 is suitable for reliable sealing of joints in buildings, which must meet high fire requirements. Its application for fire resistant sealing (maximum F120) is mainly in the following segments:

- steel constructions
- fixed structures
- prefabricated constructions
- dividing walls
- Rainproof joints in combination with the expansion tape Iso Bloco 600

Colour

Anthracite

Available shapes (packaging)

On rolls, pre-compressed, with intumescent adhesive as an aid to assembly.

Properties

- ✓ complies with the DIN 4102-4 F120 standard
- ✓ easy and quick installation
- ✓ Certified for fire class F30 and F120
- ✓ Certified in accordance with BMB MPA Braunschweig, Germany, ABP P-3436/5813-MPA BS
- ✓ for joints from 7 to 40 mm (see list)
- ✓ Permanently elastic, with long-term motion absorption
- ✓ acoustically and thermally insulating
- ✓ paintable with water-based paints
- ✓ Applicable in a wide range of building applications
- ✓ regular checks by independent institutions

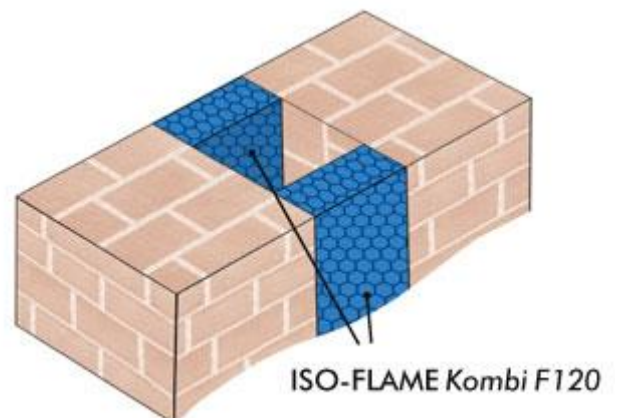
Remark

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



Technical properties

Property	Value + unit
Product	flexible open-cell polyurethane
Impregnation	acrylate with fire retardant additives
Adhesive layer	intumescent foil
Colour	anthracite
Test certificate	P-3436 / 5813 – MPA BS
Fire resistance (DIN 4102 T2)	F30 and F120 depending on the strength and depth of the construction unit
Fire class (DIN 4102 T1)	B1 (P-ift 261 28503-report)
Max. storage period	1 year, dry, in original packaging
Storage temperature	in a room with a constant temperature of +1°C to +20°C



ISO FLAME KOMBI F120

Standard dimension	Recommended joint width (joint opening)	Achieved F-class	Minimum wall thickness
40/7-10	7-10 mm	F120 **	150 mm
50/7-10	7-10 mm	F120 **	150 mm
80/7-10	7-10 mm	F120	150 mm
40/10-14	10-14 mm	F120 **	150 mm
50/10-14	10-14 mm	F120 **	150 mm
80/10-14	10-14 mm	F120	150 mm
40/12-20	12-20 mm	F120 **	150 mm
50/12-20	12-20 mm	F120 **	150 mm
80/12-20	12-20 mm	F120	150 mm
50/18-28	18-28 mm	F120 **	150 mm
50/18-28	18-28 mm	F30	100 mm
100/18-28	18-28 mm	F120	150 mm
50/22-40	22-40 mm	F120 **	150 mm
50/22-40	22-40 mm	F30	100 mm
100/22-40	22-40 mm	F120	150 mm

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

** in case of double application

General information

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. 2023 02 23