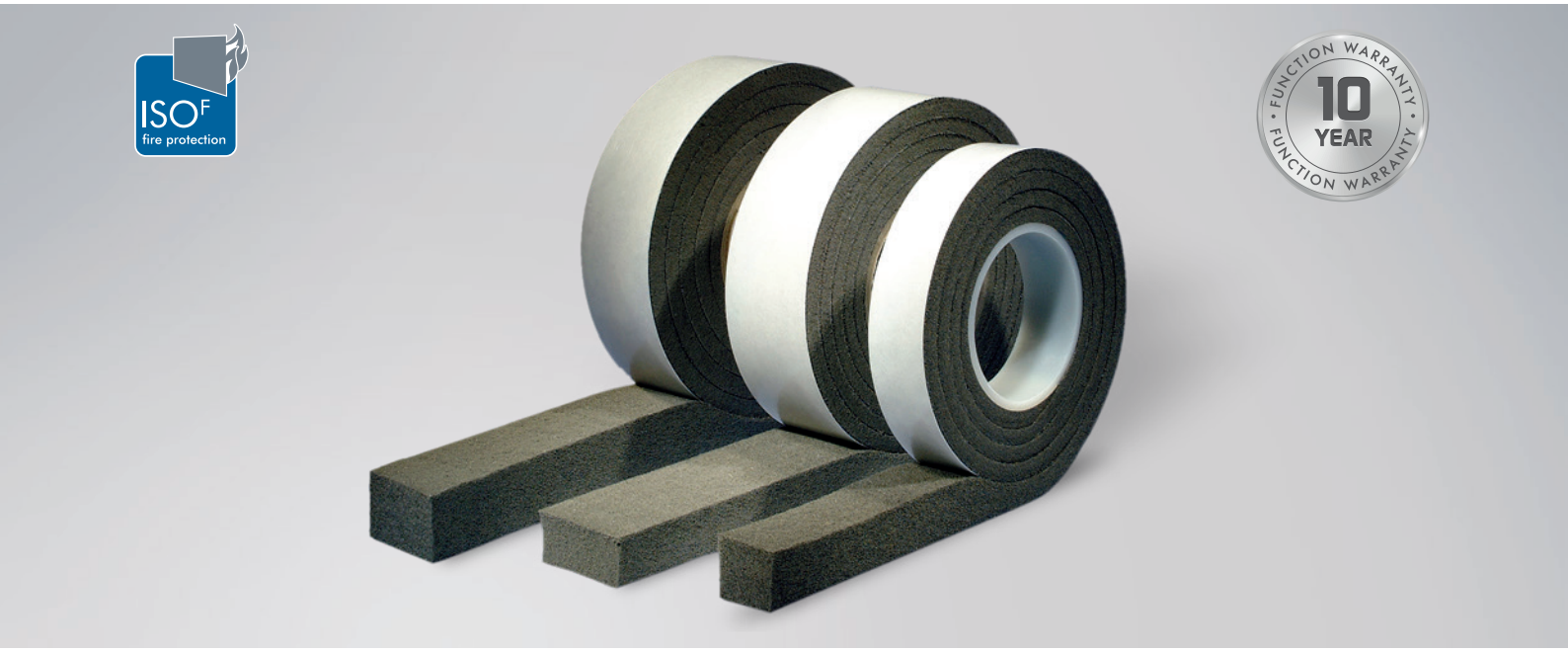
PRODUCT DATA SHEET

ISO-FLAME KOMBI F 120



PRODUCT DESCRIPTION

ISO-FLAME KOMBI F 120 is a PUR-sealing tape equipped with a special highly fire resistant impregnation for fire protection joints. It fulfils the requirements of DIN 4102 for F 120 and DIN EN 13501-2 for EI 120 and is characterised for its simple and reliable application.

APPLICATION

ISO-FLAME KOMBI F 120 is suitable for the reliable sealing of joints and connections in buildings, which must provide high fire protection requirements. Its usages range from sealing fire protection joints in walls, ceilings and connections between wall and ceiling (up to a fire resistance period of 120 minutes) through to building segments such as:

- solid constructions
- pre-fabricated constructions
- wall partitioning constructions
- timber constructions EI 30
- metal constructions EI 30
- weather-proof joints in connection with ISO-BLOCO 600 and 300 as well as ISO-TOP FACADE SEAL

SERVICE

- standard sizes available from stock
- competent experienced technical support available in the field and by phone

PRODUCT ADVANTAGES

- fulfils the requirements of fire protection as a physical barrier against the flame and thermal isolation for 120 minutes (F 120 and EI 120)
- fire resistance period of F 30, F 120, EI 30 and EI 120 tested by iBMB / MPA Braunschweig and MPA Stuttgart
- permanently elastic, with a high long term movement capacity
- for joint dimensions from 4 up to 40 mm
- sound and heat insulating
- approved, tested coverage with ISO-BLOCO 300 and 600 as well as ISO-TOP FACADE SEAL
- no pre-treatment of the joint and no additional sealing to the visible joint surface with fire protection compound agent required
- applicable in all types of construction
- constant quality, DIN-standardised, which are regularly controlled by independent institutions
- 10 Year Function Warranty*

* On the conditions of the manufacturer (available on request).

PACKAGING

pre-compressed rolls with one-sided intumescing (expands in case of fire) self-adhesive (assists application)

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ISO-FLAME KOMBI F 120

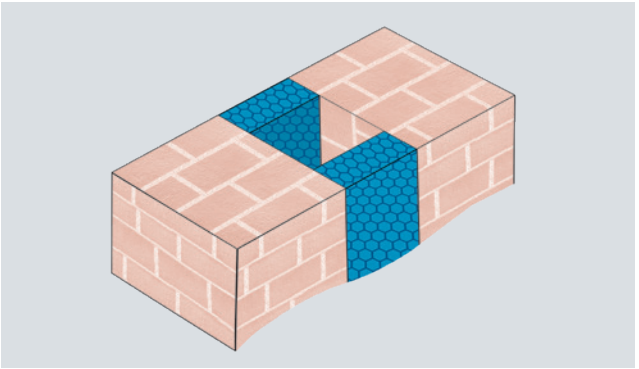
Technical data	Standard	Classification
Material description		impregnated PUR-soft foam
Base		acrylate with flame retarding additives
Colour		anthracite
Self-adhesive foil		intumescing foil (expands in case of fire)
Test certificate / suitability proof		P-3436/5813 – MPA BS, PB 2400/157/15 – Rue (MPA BA) and 903 3814 000/La (MPA Stuttgart)
Fire resistance period	BS EN 13501-2 DIN 4102-1	EI 30 to EI 120 F 30 to F 120
Behaviour in case of fire	DIN 4102 T1 BS EN 13501-1	B1 (flame resistant) E
Dimension tolerance	DIN 7715 T5 P3	requirements fulfilled
ETA - 18/0378		CE mark since 2018
Shelf life		1 year, dry and in original packing
Storage temperature		+5 °C to +20 °C

area of application joint width*	wall EI 30	ceiling EI 30	wall & ceiling EI 120	ceiling EI 120	timber wall EI 30	metal wall EI 30	Roll length (metres)
4 – 6 mm	2 x 30 mm**	1 x 40 mm**	2 x 40 mm**	1 x 80 mm**	2 x 25 mm**	2 x 30 mm**	7.0
5 – 8 mm							5.6
7 – 10 mm							6.0
10 – 14 mm							4.5
12 – 20 mm							4.0
18 – 28 mm		1 x 50 mm**	2 x 50 mm**	1 x 100 mm**	2 x 30 mm**		2.6
22 – 40 mm							2.1

Alternative dimensions available on request.
The technical details of the tests performed can be found in the relevant approval documents and test certificates.These are available upon request.

* Movement in the structure and temporary longitude changes are to be taken into account when determining the max. joint width.

** Number of pieces x tape width ISO-FLAME KOMBI F120.



Installation example: ISO-FLAME KOMBI F 120

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.

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

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