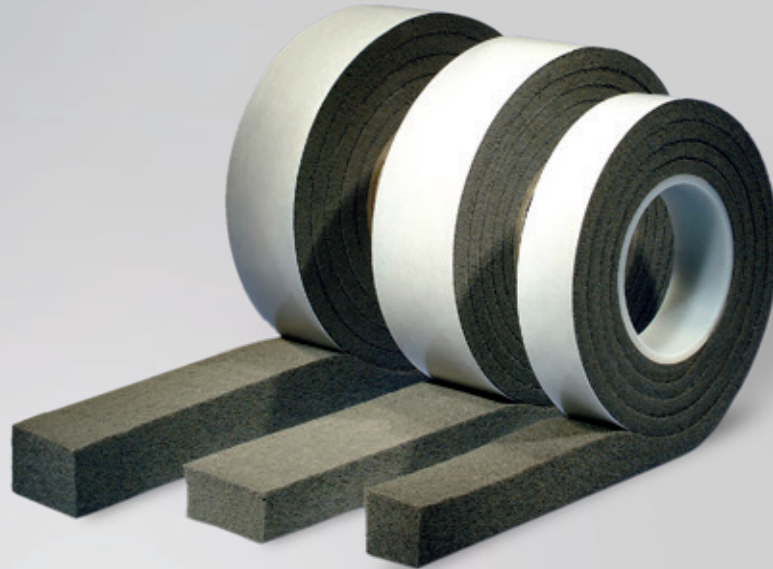


PRODUCT DATA SHEET

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 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
- weather-proof joints in connection with ISO-BLOCO 600 and 300

SERVICE

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

PACKAGING

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

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
- tested by iBMB mPA Braunschweig, Germany, ABP P-3436 / 5813 – MPA BS and PB 2400/157/15 – Rue
- permanently elastic, with a high long term movement capacity
- for joint dimensions from 4 up to 40 mm
- sound and heat insulating
- silicon finish possible
- 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



ISO-FLAME KOMBI F 120

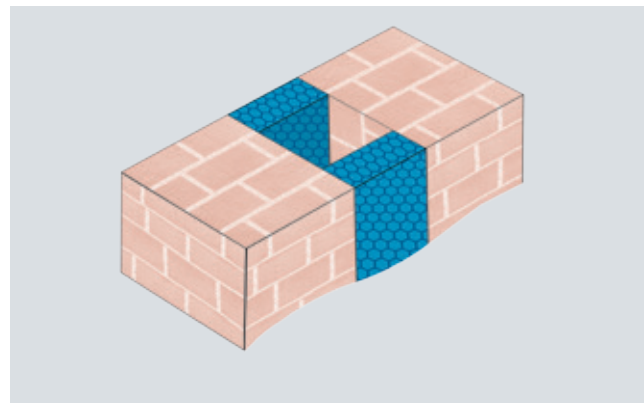
Technical data	Standard	Classification
Material description		impregnated PUR-soft foam
Base		acrylate with flame retarding additives
Colour		anthracite
Self-adhesive foil		intumescent foil (expands in case of fire)
Test certificate / suitability proof		P-3436/5813 – MPA BS and PB 2400/157/15 – Rue (MPA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

Tape width / area of application	Recommended joint width*	Reached fire resistance period in minutes	Minimum ceiling / wall thickness	Roll length (metres)	Carton (metres)
40x25 / 7 mm	7 – 10 mm	120**	150 mm	6.0	60.0
50x25 / 7 mm	7 – 10 mm	120**	150 mm	6.0	48.0
		30	100 mm		
80x25 / 7 mm	7 – 10 mm	120	150 mm	6.0	30.0
40x35 / 10 mm	10 – 14 mm	120**	150 mm	4.5	45.0
50x35 / 10 mm	10 – 14 mm	120**	150 mm	4.5	36.0
		30	100 mm		
80x35 / 10 mm	10 – 14 mm	120	150 mm	4.5	22.5
40x45 / 12 mm	12 – 20 mm	120**	150 mm	4.0	40.0
50x45 / 12 mm	12 – 20 mm	120**	150 mm	4.0	32.0
		30	100 mm		
80x45 / 12 mm	12 – 20 mm	120	150 mm	4.0	20.0
50x70 / 20 mm	18 – 28 mm	120**	150 mm	2.6	20.8
		30	100 mm		
100x70 / 20 mm	18 – 28 mm	120	150 mm	2.6	10.4
50x90 / 22 mm	22 – 40 mm	120**	150 mm	2.1	16.8
		30	100 mm	2.1	
100x90 / 22 mm	22 – 40 mm	120	150 mm	2.1	8.4

Alternative dimensions available on request.

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

** When applying two tapes together.



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.