

# FIRE STRIPE GRAPHITE

## FLEXIBLE INTUMESCENT GASKET

### INTUMESCENT

Even in the event of fire, it does not release gases or harmful substances. Asbestos-free, its intumescence is due to the presence of graphite.

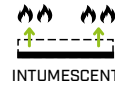
### FIRE RESISTANCE EI 90 ON TIMBER

Gasket designed to offer maximum protection against the passage of flames, smoke or gases.

It has been tested in horizontal and vertical constructions on linear joints.



PREFABRICATION



INTUMESCENT



EASY USE



## TECHNICAL DATA

Properties	standard	value	USC units
Density	-	approx. 1500 kg/m <sup>3</sup>	approx. 94 lbm/ft <sup>3</sup>
Flammability	UL 94	V0	-
Watertightness	-	compliant	-
Expansion start temperature	-	> 180 °C	> 356 °F
Optimal expansion temperature	-	> 210 °C	> 410 °F
Thermal expansion after 30 minutes:			
- 300°C	EOTA TR 024	initial thickness x5	-
- 450°C	EOTA TR 024	initial thickness x8	-
- 550°C	EOTA TR 024	initial thickness x10	-
Application temperature <sup>(1)</sup>	-	+15/+30 °C	+59/+86 °F
Fire resistance rating on plain CLT joint (120 mm), 8 mm joint + MANICA PLASTER (PROTECT)(*)	EN 1363-4	EI 90	-
Fire resistance rating on plain CLT joint (100 mm), 5 mm joint + FLEXI BAND(*)	EN 1363-4	EI 90	-
Fire resistance rating on plain CLT joint (200 mm), 2 mm joint + FLEXI BAND(*)	EN 1363-4	EI 120	-

<sup>(1)</sup> The sole purpose of the FIRE STRIPE GRAPHITE adhesive is to help position the product. It requires mechanical fastening.

(\*)For full details and tested configurations, please refer to the manual or contact our technical department.

Waste classification (2014/955/EU): 07 02 13.


## CODES AND DIMENSIONS


CODE	B [mm]	s [mm]	L [m]	B [in]	s [mil]	L [ft]	
FIRESTRIPEG25	25	1,5	50	1	59	164	3




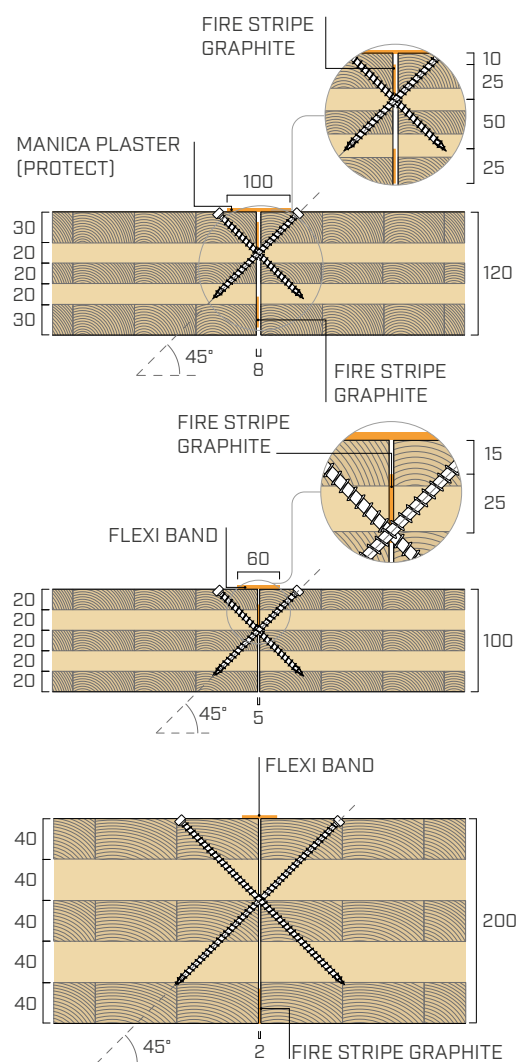
## FIRE TIGHTNESS AND INSULATION

Tests carried out at the CSI laboratory in accordance with EN 1363-4 enabled characterisation of the fire behaviour of several CLT joints sealed with Rothoblaas products.

<b>TIGHTNESS (E)</b>	Cotton swab	<b>&gt; 96 minutes</b>	 <b>EI 90</b>
	Persistent flame		
<b>INSULATION (I)</b>	Time	<b>&gt; 96 minutes</b>	


<b>TIGHTNESS (E)</b>	Cotton swab	<b>&gt; 106 minutes</b>	 <b>EI 90</b>
	Persistent flame		
<b>INSULATION (I)</b>	Time	<b>&gt; 106 minutes</b>	

<b>TIGHTNESS (E)</b>	Cotton swab	<b>&gt; 160 minutes</b>	 <b>EI 120</b>
	Persistent flame		
<b>INSULATION (I)</b>	Time	<b>&gt; 160 minutes</b>	



### FIRE STRIPE GRAPHITE PRO

FIREPROOF TAPE FOR INSULATED METAL PIPES AND ELECTRICAL CABLES

CODE	B [mm]	s [mm]	L [m]	B [in]	s [in]	L [ft]	
FIRESTRIPEP50	50	4	10	2	157.5	32 9 3/4	1

See the product on page 329.



### THERMO-EXPANDING

As the temperatures rise, the product becomes a foam, expanding up to 10 times its thickness and providing effective protection even near connections.

### PRACTICAL

The gasket can be cut using simply scissors or a box cutter. Installation is immediate thanks to the adhesive surface.