

# FIRE FOAM

## HIGH FIRE-RESISTANT SEALING POLYURETHANE FOAM



### FIRE RESISTANCE EI 240 AND CLASS B-s1,d0

Polyurethane foam 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 in both concrete and timber.

### ETA CERTIFICATE

The only ETA tested and certified foam for fire protection and sealing of linear joints and cracks.



## TECHNICAL DATA

Properties	standard	value	USC units
Post expansion	EN 17333-2	90 - 120 %	-
Yield	-	42 dm <sup>3</sup>	1.48 ft <sup>3</sup>
Film formation time 20 °C/65% RH	FEICA TM1014	≤ 10 min	-
Cutting time 23 °C / 50% RH	EN 17333-2	≤ 40 min	-
Time required for complete hardening 23 °C / 50% RH	-	24 h	-
Temperature resistance once hardened	-	-30/+80 °C	+50/+176 °F
Application temperature (ambient, support, cartridge) <sup>(1)</sup>	-	+10/+30 °C	+50/+86 °F
Thermal conductivity (λ)	-	0,036 W/(m·K)	0.02 BTU/h·ft·°F
Dimensional stability	EN 17333-2	≤ 3 %	-
Reaction to fire	DIN 4102-1	class B1	-
	EN 13501-1	class B-s1,d0	-
Fire resistance rating on concrete <sup>(*)</sup>	EN 13501-2	EI240	-
Fire resistance rating on plain CLT joint (100 mm) 20 mm joint <sup>(*)</sup>	EN 1363-4	EI90	-
Fire resistance rating on plain CLT joint (200 mm) 10 mm joint <sup>(*)</sup>	EN 1363-4	EI120	-
Emicode	GEV test procedure	EC1 plus	-
French VOC classification	-	A+	-
Transport temperature	-	-20 °C/+30 °C	-4/+86 °F
Storage temperature <sup>(2)</sup>	-	+5 °C/+30 °C	+41/+86 °F

<sup>(1)</sup>The foam must be protected against UV rays.

<sup>(2)</sup>Store the product in a vertical position in a dry, covered location. Check the expiry date on the packaging.

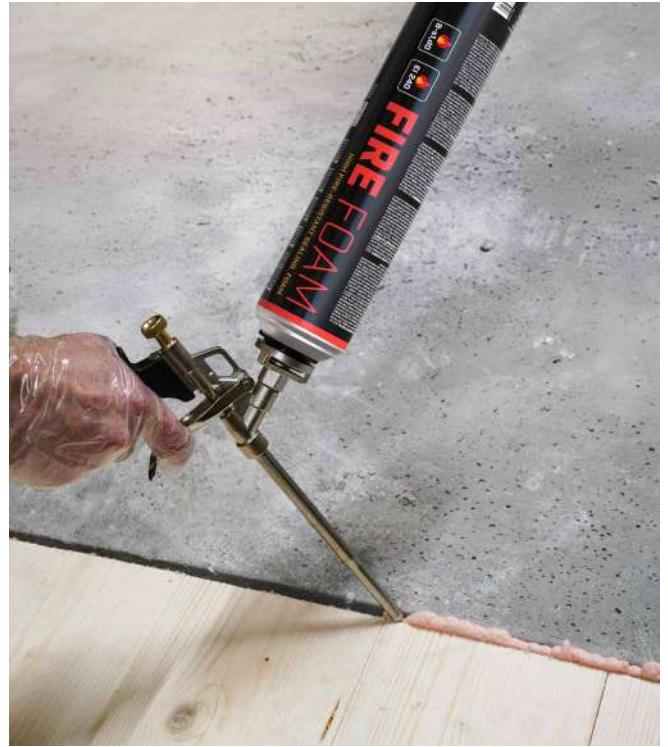
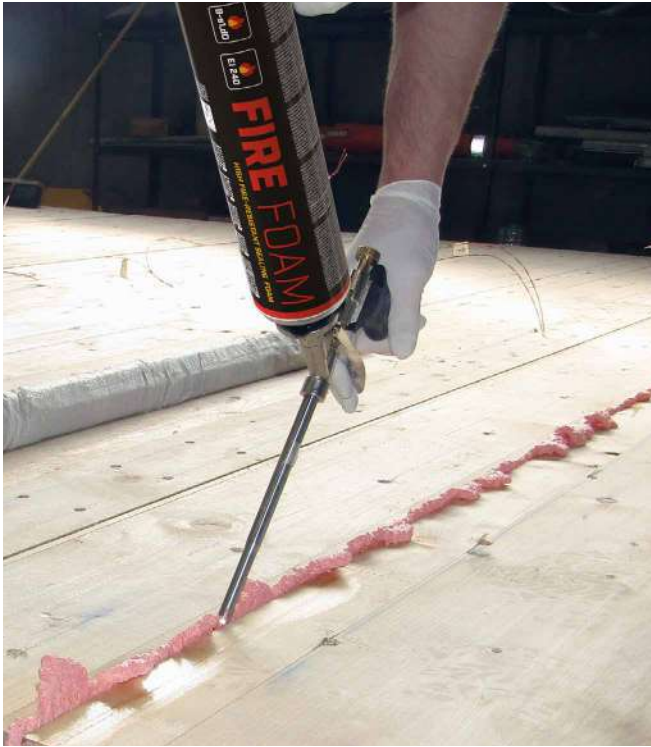
<sup>(\*)</sup>For full details and tested configurations, please refer to the manual or contact our technical department.

Waste classification (2014/955/EU): 16 05 04 full or partially empty cartridge  
Aerosol 1. Resp. Sens. 1. Carc. 2. STOT RE 2. Acute Tox. 4. Skin Irrit. 2. Eye Irrit. 2. Skin Sens. 1. STOT SE 3

## CODES AND DIMENSIONS


CODE	content	yield	content	yield	colour	cartridge	
	[ml]	[L]	[US fl oz]	[US gal]			
FIREFOAM	750	42	25.36	11.1	pink	steel	12


## FIELD OF APPLICATION

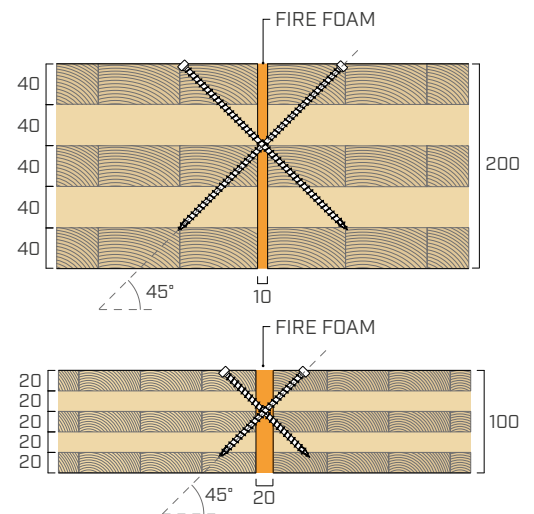


## FIRE TIGHTNESS AND INSULATION

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

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



## MAXIMUM PERFORMANCE

Its uniform cell structure, dimensional stability and mechanical properties make it the ideal product for insulating, sealing and filling in all situations requiring high-performance fire protection.