FIRE FOAM

HIGH FIRE-RESISTANT SEALING FOAM

GLOVES INCLUDED

ETA

EI 240

B-s1,d0

CLT JUNCTION TESTED

FIRE RESISTANCE EI 240

Tested in the event of fire to provide protection against combustion fumes and heat for up to 240 minutes.

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 conversion*
Composition	-	Single component PU	-
Colour	-	pink	-
Post expansion	-	90 - 120 %	-
Film formation time 20 °C / 65% RH	FEICA TM1014	≤ 10 min	-
Cutting time 23 °C / 50% RH	-	≤ 40 min	-
Time required for complete hardening 23 °C / 50% RH	-	24 h	-
Thermal conductivity (λ)	-	0,036 W/(m·K)	*0.02 BTU/h·ft·°F*
Dimensional stability	-	≤ 3 %	-
Reaction to fire	DIN 4102-1	class B1	-
	EN 13501-1	class B-s1,d0	-
Fire resistance rating(1)	EN 13501-2	EI240	-
Fire tightness and insulation on plain CLT joint, 10 mm joint *.	EN 1363-1	> 160 minutes	
Temperature resistance once hardened	-	-30 / +80 °C	*+50 / +176 °F*
Application temperature (ambient)	-	+10 / +30 °C	*+50 / +86 °F*
Application temperature (support)	-	+10 / +30 °C	*+50 / +86 °F*
Application temperature (cartridge)	-	+10 / +30 °C	*+50 / +86 °F*
French VOC classification	-	A+	-
VOC content	-	0,12% - 158 g/L	-
Transport temperature	-	-20 °C / +30 °C	*-4 / +86 °F*
Storage temperature(2)	-	+5 °C / +30 °C	*+41 / +86 °F*
Storage time(3)	-	up to 18 months	-

(1)For 10 mm and 20 mm wide joints.
(2)Store the product in a vertical position in a dry, covered location.
(3)Check the expiry date on the cartridge.
Waste classification (2014/955/EU): 16 05 04.
* See the manual or contact the technical office for more information on configuration
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

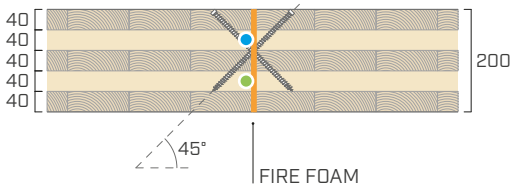
CODES AND DIMENSIONS

CODE	content [ml]	yield [L]	*content [US fl oz]*	*yield [US gal]*	cartridge	
FIREFOAM	750	42	*25.36*	*11.1*	aluminium	12

FIRE TIGHTNESS AND INSULATION

Tests carried out at the CSI laboratory according to EN 1363-1 enabled the fire behavior of several CLT joints sealed with Rothoblaas products to be characterized.

TIGHTNESS (E)	Cotton swab	**> 160 minutes**
	6-mm gauge	
	25-mm gauge	
	Persistent flame	
INSULATION (I)	Time	**> 160 minutes**
ΔT measured at the test end (after 160 minutes)	● 140 mm from slab bottom	90 °C
	● 60 mm from slab bottom (non-exposed face)	8 °C



FIELDS OF APPLICATION

MAXIMUM PERFORMANCE

Its uniform cell structure, dimensional stability and mechanical properties make it the ideal product for insulating, sealing and filling in all cases where high fire protection requirements are required.