

FIRE SEALING ACRYLIC

HIGH FIRE-RESISTANT ACRYLIC SEALANT



IT CAN BE PAINTED

The sealant can be overpainted with the most common water-based paints and varnishes.

FIRE SAFETY

It can be used in applications subject to fire protection regulations up to EI 240. The inclusion of selected mineral fillers in the mixture ensures high fire resistance.



TECHNICAL DATA

Properties	standard	value	USC units
Composition	-	based on acrylic polymers in water dispersion	-
Classification	EN 15651-1	F-INT ⁽¹⁾	-
Density	UNI 8490/2	1,7 g/mL	14.2 lb/gal
Yield for 10x10 mm joint	-	5,5 m	18 ft
Surface cross-linking time 23 °C	-	approx. 30 min	-
Time required for complete hardening 23 °C/50% RH	-	approx. 10 days	-
Shore A hardness	EN ISO 868	approx. 10	-
Application temperature	-	+5/+30 °C	+41/+86 °F
Operating temperature	-	-25/+85 °C	-13/+185 °F
Elongation at failure	DIN 53504	700%	-
Reaction to fire	EN 13501-1	class B-s1,d0	-
Fire resistance rating on concrete ^(*)	EN 13501-2	EI 240	-
Fire resistance rating on plain CLT joint (100 mm), 5 mm joint ^(*)	EN 1363-4	EI 90	-
Emicode	GEV test procedure	EC1 plus	-
French VOC classification	ISO 16000	A+	-
Storage temperature ⁽²⁾	-	+5/+35 °C	+41/+95 °F

⁽¹⁾Non-structural sealant for façade elements, for indoor use.

⁽²⁾Store the product in a dry, covered location. Check the expiry date on the packaging.

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

Waste classification (2014/955/EU): 08 04 10.

EUH210 Safety data sheet available on request. EUH208 Contains CAS 55965-84-9 (3:1), CAS 2634-33-5. May produce an allergic reaction.

CODES AND DIMENSIONS


CODE	content [mL]	content [US fl oz]	colour	version	
FIREACR550	550	18.60	white	soft cartridge	20

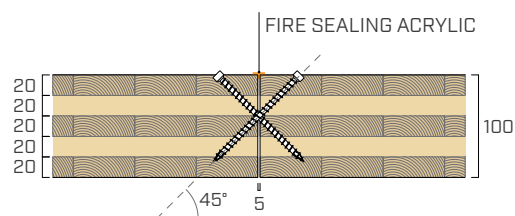
■ FIELDS OF APPLICATION



✓ 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.

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



■ RELATED PRODUCTS



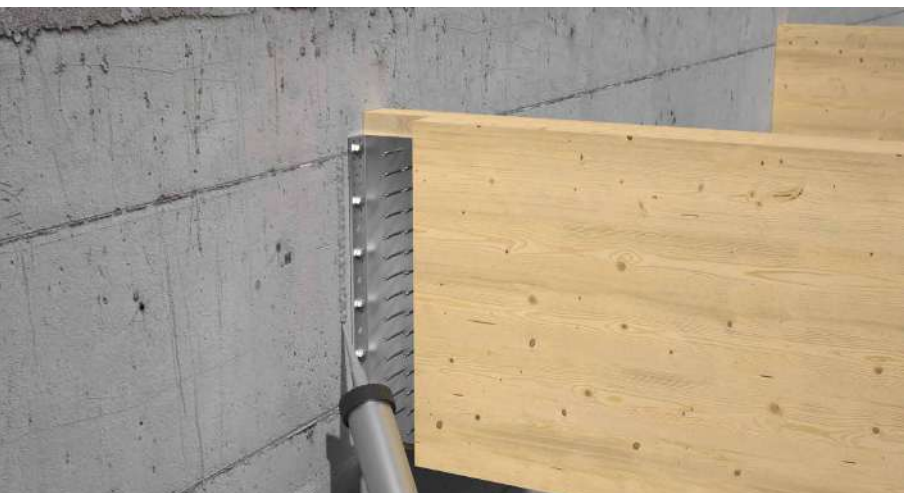
FLY SOFT
page 398



FIRE FOAM
page 128



FIRE STRIPE GRAPHITE
page 138



VERSATILE

Good workability, it also adheres to moist supports, does not drip and is easily smoothed.

EMICODE EC1 PLUS

Certified by GEV in terms of very low emissions of Volatile Organic Compounds.