

# 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 <sup>(1)</sup>                          | -           |
| 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 <sup>(*)</sup>                             | EN 13501-2         | EI 240  | -           |
| Fire resistance rating on plain CLT joint (100 mm), 5 mm joint <sup>(*)</sup> | EN 1363-4          | EI 90   | -           |
| Ecode   | GEV test procedure | EC1 plus                                      | -           |
| French VOC classification   | ISO 16000          | A+  | -           |
| Storage temperature <sup>(2)</sup>  | -                  | +5/+35 °C                                     | +41/+95 °F  |

<sup>(1)</sup>Non-structural sealant for façade elements, for indoor use.

<sup>(2)</sup>Store the product 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): 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<br>[mL] | content<br>[US fl oz] | colour | version        |    |
|------------|-----------------|-----------------------|--------|----------------|----|
| FIREACR550 | 550             | 18.60                 | white  | soft cartridge | 20 |

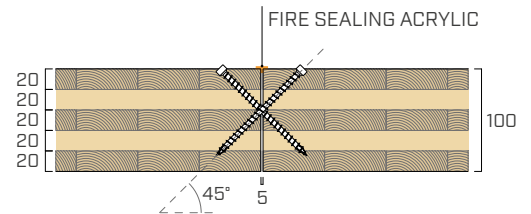
## ■ FIELDS OF APPLICATION



## ✓ 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.

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



## ■ RELATED PRODUCTS



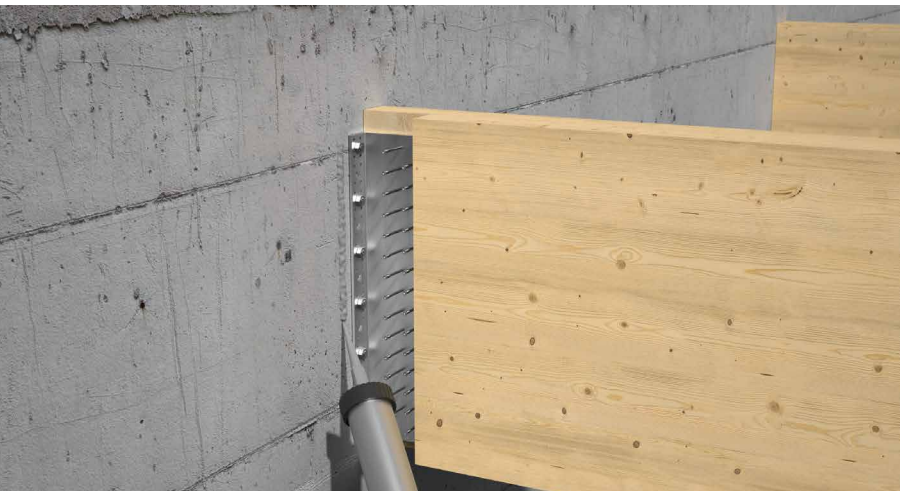
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### VERSATILE

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.