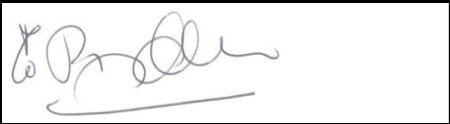


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|---|--|--|
| 1. Unique identification of product | Firetect® Acrylic sealant | |
| 2. Intended use | service closure for structural (expansion) joints and openings for pipe + cable penetrations, to form a penetration seal in case of fire to reinstate the fire resistance of: - standard flexible walls \geq 100mm - standard rigid walls \geq 100mm - standard rigid floors \geq 150mm | |
| 3. Manufacturer | KLF Building Products BV Techniekweg 11, 4207 HC Gorinchem, The Netherlands | |
| 4. Authorised representative | not applicable | |
| 5. System of AVCP | System 1 | |
| 6a. Harmonised standard Notified body | not applicable not applicable | |
| 6b. European Assessment Document (EAD) European Technical Assessment (ETA) Technical Assessment Body (TAB) Identification notified body | 350454-00-1104 ETA-14/0273 SKG-IKOB No. 0960 | 350141-00-1106 ETA-15/0630 SKG-IKOB No. 0960 |
| 7. Declared performances | basic requirements | characteristics |
| | performances | |
| BWR 1 Mechanical resistance + stability | | not relevant |
| BWR 2 Safety in case of fire EN 13501-1 | reaction to fire | Class F |
| EN 13501-2 | resistance to fire | per tested assembly; EI 30 up to EI 240, + Sa - S200; see ANNEX BWR2 + ANNEX A |
| | field of application | |
| BWR 3 Hygiene, health + environment EAD ...-1104, §2.2.3 + EAD ...-1106, §2.2.4 EAD ...-1104, §2.2.4 + EAD ...-1106, §2.2.5 EAD ...-1104, §2.2.5 + EAD ...-1106, §2.2.3 | air permeability | IA1, S/W3 npd |
| | water permeability | npd |
| | content, emission and/or release of dangerous substances | not dangerous under Regulation 1272/2008 in compliance with CLP regulations |
| BWR 4 Safety + accessibility in use EAD ...-1104, §2.2.6 + EAD ...-1106, §2.2.6 EAD ...-1104, §2.2.7 + EAD ...-1106, §2.2.7 EAD 350141-00-1106, §2.2.8 EAD ...-1104, §2.2.9 + EAD ...-1106, §2.2.12 EAD 350141-00-1106, §2.2.13 | mechanical resistance + stability | npd |
| | resistance to impact / movement | npd |
| | adhesion | passed |
| | durability | Z ₂ (internal use) |
| | movement capability | max. 7,5% SA (self-adhering) |
| BWR 5 Protection against noise EAD 350454-00-1104, §2.2.10 | airborne sound insulation | R _{s,w} = 44 dB up to 53 dB see ANNEX B |
| | field of application | |
| BWR 6 Energy economy + heat retention EAD 350454-00-1104, §2.2.11 EAD 350454-00-1104, §2.2.12 | thermal properties | npd |
| | water vapour permeability | npd |
| General aspects relation to fitness for use EAD 350454-00-1104, §1.2.2 | assumed working life for the intended use | 10 years |
| 8. Specific Technical Documentation | not applicable | npd= no performance determined |
| <p>The performances of the products identified are in conformity with the declared performances. This declaration of performance is issued, in accordance with Regulation 305/2011, under the sole responsibility of the manufacturer.</p> <p>Signed for and on behalf of the manufacturer in Gorinchem on January 8 2019 by C. Buikema</p> | | |
|  | | <p>Firetect® is a registered brand of KLF © KLF Building Products disclaimer</p> |

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|-------------------------------|--|
| field of application (FoA) | Firetect® Acrylic sealant |
| | tested and certified by ETA-14/0273 + ETA-15/0630; fire resistance performances and assembly methods for uses in: |



| | |
|---|---|
| constructive element ¹⁾ | |
| fire rated walls acc. EN 1363-1 | - flexible wall ≥100mm; metal or timber studs, plaster board type A + wall insulation - rigid wall ≥100mm: blockwork/concrete/masonry, density ≥ 600 kg/m ³ - rigid wall ≥150mm: blockwork/concrete/masonry, density ≥ 600 kg/m ³ |
| fire rated floors acc. EN 1363-1 | - rigid floor ≥150mm: (aerated) concrete, density ≥ 600 kg/m ³ |
| ¹⁾ the constructive element must be classified acc. EN 13501-2 for the required fire resistance period | |

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| fire resistance | | smoke control acc. EN 1634-3 smoke leakage control: Sa - S200 |
| field of application: | acc. EN 13501-2 / 1366-3 | |
| EI 30 up to EI 240 : Acrylic sealant | structural openings for pipe + cable penetrations: ²⁾ | |
| - PE/PVC | ≤ Ø50mm | also in PA board |
| - aluPE-X | ≤ Ø75mm | also with pipe insulation |
| - PE-Xa | ≤ Ø32 (54) mm | |
| - copper | ≤ Ø54mm | also with pipe insulation + PA board |
| - steel | ≤ Ø219mm | also with pipe insulation + PA board |
| - cable trays incl. cable ladders + wire mesh | ≤ 600x1200mm +25% in walls ≤ 1000x1200 mm / 600x5000mm in floors | coat back is not required coat back is not required |
| - cable bundles | ≤ Ø121mm | also in PA board |
| field of application: | acc. EN 13501-2 / 1366-4 | |
| EI 60 up to EI 120 : Acrylic sealant | structural joints: | |
| - linear joints | ≤ 50mm | |
| ²⁾ support services; support distance: see principle detail | | |

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|--|-------------------------------------|-------------|----------------------|------------------|----------------|-----------|-------------------|
| environmental performances | BREEAM | LEED | VOC France | EN 717-1§ | EMICODE | M1 | Indoor Air |
| example protocols, click for full list | <input checked="" type="checkbox"/> | | A+ | E1 | EC1 PLUS | | Comfort GOLD |

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| fasteners | not applicable fasten glass wool or rock wool individually (not wrapped!) with steel wire | see TDS |
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| finish | avoid contact with water during curing | see TDS |
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| product information | |
| Product certification by DoP; more info on certification of CE building products through ETA at firetect.eu/certification | |
| - full DoP version: declaration of performance + ANNEX BWR2 + ANNEX A + ANNEX B; upon request | |
| - web DoP version: declaration of performance + ANNEX BWR2; other info can be downloaded at firetect.eu/download | |
| - FoA charts; suitable products per type of fireseal + EI performance + product / joint details | |
| - TDS: general directions for use + product specs | |
| Consult firetect.eu/download for updated versions; product development + fire tests are ongoing processes at KLF. Contact KLF for other EI requirements and (non)standard or complex site requirements; mail info@klf.nl | |
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