

1. Unique identification of product	<b>Firetect® PA coating</b>																									
2. Intended use	service closure and cold smoke finish for joints + perimeters of structural openings for pipe and cable penetrations, to form a penetration seal in case of fire to reinstate the fire resistance of:  - standard flexible or 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	ETAG 026-2 <a href="#">ETA-14/0260</a> SKG-IKOB No. 0957																									
7. Declared performances	<table border="1"> <thead> <tr> <th>basic requirements</th> <th>characteristics</th> <th>performances</th> </tr> </thead> <tbody> <tr> <td><b>BWR 1 Mechanical resistance and stability</b></td> <td></td> <td>not applicable</td> </tr> <tr> <td><b>BWR 2 Safety in case of fire</b> EN 13501-1 EN 13501-2</td> <td>reaction to fire resistance to fire</td> <td>Class F per tested assembly; EI 30 up to EI 180, + Sa - S200; see ANNEX BWR2</td> </tr> <tr> <td><b>BWR 3 Hygiene, health and environment</b> EN 1026 ETAG 026-3, Annex C declaration of manufacturer (DoP)</td> <td>air permeability water permeability release of dangerous substances</td> <td>IA1/S/W3 npd npd no release of dangerous substances</td> </tr> <tr> <td><b>BWR 4 Safety in use - EOTA TR001</b> mechanical resistance and stability resistance to movement adhesion</td> <td></td> <td>npd npd npd</td> </tr> <tr> <td><b>BWR 5 Protection against noise</b> EN 10140-2, EN ISO 717-1</td> <td>airborne sound insulation</td> <td>npd</td> </tr> <tr> <td><b>BWR 6 Energy, economy and heat retention</b> EN 12664, EN 12667, EN 12939 EN ISO 12572, EN 12056</td> <td>thermal properties water vapour permeability</td> <td>npd npd</td> </tr> <tr> <td><b>General aspects relation to fitness for use</b> ETAG 026-2, Annex B, B.6.2</td> <td>durability and serviceability assumed working life for the intended use</td> <td>Z<sub>2</sub> (internal use) 10 years</td> </tr> </tbody> </table>		basic requirements	characteristics	performances	<b>BWR 1 Mechanical resistance and stability</b>		not applicable	<b>BWR 2 Safety in case of fire</b> EN 13501-1 EN 13501-2	reaction to fire resistance to fire	Class F per tested assembly; EI 30 up to EI 180, + Sa - S200; see ANNEX BWR2	<b>BWR 3 Hygiene, health and environment</b> EN 1026 ETAG 026-3, Annex C declaration of manufacturer (DoP)	air permeability water permeability release of dangerous substances	IA1/S/W3 npd npd no release of dangerous substances	<b>BWR 4 Safety in use - EOTA TR001</b> mechanical resistance and stability resistance to movement adhesion		npd npd npd	<b>BWR 5 Protection against noise</b> EN 10140-2, EN ISO 717-1	airborne sound insulation	npd	<b>BWR 6 Energy, economy and heat retention</b> EN 12664, EN 12667, EN 12939 EN ISO 12572, EN 12056	thermal properties water vapour permeability	npd npd	<b>General aspects relation to fitness for use</b> ETAG 026-2, Annex B, B.6.2	durability and serviceability assumed working life for the intended use	Z <sub>2</sub> (internal use) 10 years
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8. Specific Technical Documentation	not applicable	npd= no performance determined																								

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.  
Signed for and on behalf of the manufacturer in Gorinchem on October 2 2017 by C. Buikema



field of application (FoA)	<b>Firetect® PA coating</b>
	tested and certified by ETA-14/0260; fire resistance performances and assembly methods for uses in:

**constructive element** <sup>1)</sup>

<b>fire rated walls</b> acc. EN 1363-1	- standard flexible walls ≥ 100mm: 50mm MS profiles with on 2 sides min. 2x 12,5mm plaster board type F + insulation: rock wool ≥ 50mm, density ≥ 100 kg/m <sup>3</sup>
	- standard rigid walls ≥ 100mm: blockwork, (aerated) concrete or masonry, density ≥ 650 kg/m <sup>3</sup>
<b>fire rated floors</b> acc. EN 1363-1	- standard rigid floors ≥ 150mm: (aerated) concrete, density ≥ 650 kg/m <sup>3</sup>

<sup>1)</sup> the supporting construction must be classified acc. EN 13501-2 for the required fire resistance period

<b>fire resistance</b>		<b>smoke control</b> acc. EN 1634-3 smoke leakage control: <b>Sa - S200</b>
<b>field of application:</b> EI 30 up to EI 180: PA coating	acc. EN 13501-2 / 1366-3 <b>pipe and cable penetrations:</b>	
- metal pipes	≤ Ø101mm	steel + copper
- spiral pipes	≤ Ø125mm	with circular fire dampers * with or without valve
- cable trays, PA board-to-board connections	≤ 600x1200mm in walls ≤ 1000x1200 mm / 600x5000mm in floors	coat back is <b>not required</b> coat back is <b>not required</b>
<b>field of application:</b> EI 60 up to EI 120: PA coating	acc. EN 13501-2 / 1366-2 + EN 1366-3 <b>air control</b>	
- duct cladding, PA board-to-board connections	ducts ≤ 1000x1000mm	fire resistant cladding
- fire dampers, PA board-to-board connections	fire dampers ≤ 600x300mm	rectangular fire dampers *, <b>installation + upgrade</b>

\* principle configuration

<b>fasteners</b>	- not applicable	see TDS
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<b>finish</b>	- not applicable	see TDS
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<b>product information</b>	
Product certification by DoP; more info on certification of CE building products through ETA at <a href="http://firetect.eu/certification">firetect.eu/certification</a>	
- full DoP version: declaration of performance + chart field of application (FoA) + principle configurations; upon request	
- web DoP version: declaration of performance; other info can be downloaded at <a href="http://firetect.eu/download">firetect.eu/download</a>	
- charts FoA: <a href="#">suitable product per type of fireseal + EI performance + product / joint details</a>	
- TDS: <a href="#">general directions for use + product specs</a>	
Consult <a href="http://firetect.eu/download">firetect.eu/download</a> for updated versions; product development + fire tests are ongoing processes at KLF.	
Contact KLF for <b>other</b> EI requirements and (non)standard or complex site requirements; mail <a href="mailto:info@klf.nl">info@klf.nl</a>	

