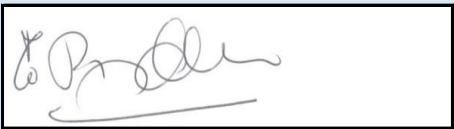


1. Unique identification of product	<b>Firetect® PA board</b>	
2. Intended use	service closure for perimeters and structural openings for pipe and cable penetrations, to form a penetration seal in case of fire to reinstate the fire resistance of: - standard flexible walls $\geq$ 100mm - standard rigid 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	not applicable	
Notified body	not applicable	
6b. European Assessment Document (EAD)	<a href="#">350454-00-1104</a>	
European Technical Assessment (ETA)	<a href="#">ETA-14/0260</a>	
Certificate of Constancy of Performance	0960-CPR-SKGIKOB.011131.01.NL	
Technical Assessment Body (TAB)	SKG-IKOB	
Identification notified body	No. 0960	
7. Declared performances		
<b>basic requirements</b>	<b>characteristics</b>	<b>performances</b>
<b>BWR 1 Mechanical resistance + stability</b>		not relevant
<b>BWR 2 Safety in case of fire</b> EN 13501-1 EN 13501-2	reaction to fire resistance to fire	npd per tested assembly; EI 30 up to EI 240, field of application + Sa - S200; see ANNEX BWR2 + ANNEX A
<b>BWR 3 Hygiene, health + environment</b> EAD 350454-00-1104, §2.2.3 EAD 350454-00-1104, §2.2.4 EAD 350454-00-1104, §2.2.5	air permeability water permeability content, emission and/or release of dangerous substances	IA1/S/W3 npd npd not dangerous under Regulation 1272/2008 in compliance with CLP regulations
<b>BWR 4 Safety + accessibility in use</b> EAD 350454-00-1104, §2.2.6 EAD 350454-00-1104, §2.2.7 EAD 350454-00-1104, §2.2.8 EAD 350454-00-1104, §2.2.9	mechanical resistance + stability resistance to impact / movement adhesion durability	npd npd npd Z <sub>2</sub> (internal use)
<b>BWR 5 Protection against noise</b> EAD 350454-00-1104, §2.2.10	airborne sound insulation field of application	Rs,w = 32 dB up to 43 dB R <sub>w</sub> = 19 dB up to 45 dB see ANNEX B
<b>BWR 6 Energy economy + heat retention</b> EAD 350454-00-1104, §2.2.11 EAD 350454-00-1104, §2.2.12	thermal properties water vapour permeability	npd npd
<b>General aspects relation to fitness for use</b> 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 product 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 dated 18-10-2019 by C. Buikema</p>		
		<p>Firetect® is a registered brand of KLF © KLF Building Products <a href="#">disclaimer</a></p>

field of application (FoA)	Firetect® PA board
	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	- flexible wall ≥100mm; metal or timber studs, plaster board type A + wall insulation - rigid wall ≥100mm: blockwork/concrete/masonry, density ≥ 600 kg/m <sup>3</sup> - rigid wall ≥150mm: blockwork/concrete/masonry, density ≥ 600 kg/m <sup>3</sup>
<b>fire rated floors</b> acc. EN 1363-1	- rigid floor ≥150mm: (aerated) concrete, density ≥ 600 kg/m <sup>3</sup>



<sup>1)</sup> the constructive element 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>	acc. EN 13501-2 / 1366-3	
<b>EI 30 up to EI 240: PA board</b>	<b>structural openings for pipe + cable penetrations:</b> <sup>2)</sup>	
- cable trays incl. cable ladders + wire mesh	≤ 600x1200mm +25% in walls ≤ 1000x1200 mm / 600x5000mm in floors	coat back is <b>not required</b>
- cable bundles	≤ Ø121mm	coat back is <b>not required</b>
- PE/PP/PVC	≤ Ø250mm	also in shaft walls
- PP-R	≤ Ø63mm	fastened with <b>PA spiral screws</b>
- PP-MD	≤ Ø110mm	in cable trays
- aluPE-X	≤ Ø75mm	with acoustical damper
- PE-Xa	≤ Ø32 (54) mm	
- copper	≤ Ø54mm	
- steel	≤ Ø219mm	
<b>field of application:</b>	acc. EN 13501-2 / 1366-2 + EN 1366-3	
<b>EI 60 + EI 90: PA board</b>	<b>air control</b>	
- ducts	≤ 1000x1000mm	fire resistant duct cladding
- fire dampers	≤ 600x300mm	rectangular fire dampers *, <b>installation + upgrade</b>
<sup>2)</sup> support services; support distance: see principle detail		* principle configuration

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

<b>fasteners</b>	cut to size for tight-fit positioning in opening 'butter' cross cut edges of PA board and opening with PA coating, Acrylic or PA sealer 'glue' board-to-board connections with <b>PA coating</b> secure connections with <b>PA spiral screws</b> fasten glass wool or rock wool individually (not wrapped!) with steel wire	see TDS
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<b>finish</b>	finish joints + perimeters with PA coating for smoke control	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 + ANNEX BWR2 + ANNEX A + ANNEX B; upon request - web DoP version: declaration of performance + ANNEX BWR2; other info can be downloaded at <a href="http://firetect.eu/download">firetect.eu/download</a> - FoA charts; suitable products per type of fireseal + EI performance + product / joint details - TDS: general directions for use + product specs	 
	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>	