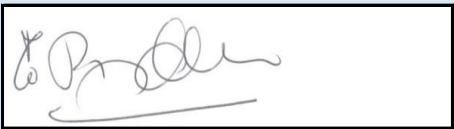


1. Unique identification of product	Firetect® PA board	
2. Intended use	service closure for perimeters and structural openings for pipe and cable penetrations, to form a penetration seal in case of fire to reinstate the fire resistance of: - standard flexible walls \geq 100mm - standard rigid walls \geq 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 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-14/0260 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 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
BWR 3 Hygiene, health + environment 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
BWR 4 Safety + accessibility in use 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 ₂ (internal use)
BWR 5 Protection against noise EAD 350454-00-1104, §2.2.10	airborne sound insulation field of application	Rs,w = 32 dB up to 43 dB R _w = 19 dB up to 45 dB see ANNEX B
BWR 6 Energy economy + heat retention EAD 350454-00-1104, §2.2.11 EAD 350454-00-1104, §2.2.12	thermal properties water vapour permeability	npd 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 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 on January 8 2019 by C. Buikema</p>		
		Firetect® is a registered brand of KLF © KLF Building Products disclaimer

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 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

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

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	<input checked="" type="checkbox"/>	

fasteners	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 PA coating secure connections with PA spiral screws fasten glass wool or rock wool individually (not wrapped!) with steel wire	see TDS
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finish	finish joints + perimeters with PA coating for smoke control	see TDS
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product information	<p>Product certification by DoP; more info on certification of CE building products through ETA at firetect.eu/certification</p> <ul style="list-style-type: none"> - 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 <p>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</p>	 
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