

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 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 ETA-14/0260 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>BWR 1 Mechanical resistance and stability</td> <td></td> <td>not applicable</td> </tr> <tr> <td>BWR 2 Safety in case of fire EN 13501-1 EN 13501-2</td> <td>reaction to fire resistance to fire</td> <td>npd per tested assembly; EI 30 up to EI 240, + Sa - S200; see ANNEX BWR2</td> </tr> <tr> <td>BWR 3 Hygiene, health and environment 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>BWR 4 Safety in use - EOTA TR001 mechanical resistance and stability resistance to movement adhesion</td> <td></td> <td>npd npd npd</td> </tr> <tr> <td>BWR 5 Protection against noise EN 10140-2, EN ISO 717-1</td> <td>airborne sound insulation</td> <td>$R_w = 24$ dB up to 45 dB</td> </tr> <tr> <td>BWR 6 Energy, economy and heat retention 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>General aspects relation to fitness for use ETAG 026-2, Annex B, B.6.2</td> <td>durability and serviceability assumed working life for the intended use</td> <td>Z_2 (internal use) 10 years</td> </tr> </tbody> </table>		basic requirements	characteristics	performances	BWR 1 Mechanical resistance and stability		not applicable	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, + Sa - S200; see ANNEX BWR2	BWR 3 Hygiene, health and environment 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	BWR 4 Safety in use - EOTA TR001 mechanical resistance and stability resistance to movement adhesion		npd npd npd	BWR 5 Protection against noise EN 10140-2, EN ISO 717-1	airborne sound insulation	$R_w = 24$ dB up to 45 dB	BWR 6 Energy, economy and heat retention EN 12664, EN 12667, EN 12939 EN ISO 12572, EN 12056	thermal properties water vapour permeability	npd npd	General aspects relation to fitness for use ETAG 026-2, Annex B, B.6.2	durability and serviceability assumed working life for the intended use	Z_2 (internal use) 10 years
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8. Specific Technical Documentation	not applicable	npd= no performance determined																								

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



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	- 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 ³
	- standard rigid walls ≥ 100mm: blockwork, (aerated) concrete or masonry, density ≥ 650 kg/m ³
fire rated floors acc. EN 1363-1	- standard rigid floors ≥ 150mm: (aerated) concrete, density ≥ 650 kg/m ³

¹⁾ the supporting construction 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: EI 30 up to EI 240: PA board	acc. EN 13501-2 / 1366-3 structural openings for cable and pipe penetrations:	
- cable trays	≤ 600x1200mm in walls ≤ 1000x1200 mm / 600x5000mm in floors	coat back is not required
- cable bundles	≤ Ø110mm	coat back is not required
- PE/PP/PVC pipes	≤ Ø250mm	also in shaft walls
- PP-R pipes	≤ Ø63mm	fastening with PA spiral screws
- PP-MD pipes	≤ Ø110mm	in cable tray 'DLS'
- aluPE-X pipes	≤ Ø75mm	with acoustical damper
- metal pipes	≤ Ø219mm	in walls + floors steel + copper
field of application: EI 60 + EI 90: PA board	acc. EN 13501-2 / 1366-2 + EN 1366-3 air control	
- ducts	≤ 1000x1000mm	fire resistant duct cladding
- fire dampers	≤ 600x300mm	rectangular fire dampers *, installation + upgrade

* principle configuration

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	see TDS
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finish	- finish joints and perimeters with PA coating for smoke control	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 + chart field of application (FoA) + principle configurations; upon request	
- web DoP version: declaration of performance; other info can be downloaded at firetect.eu/download	
- charts FoA: suitable product 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	
	 