

1. Unique identification of product	Firetect® Wrap + Wrap-'n-roll	
2. Intended use	service closure for structural openings for pipe 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-14/0251 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	Class F per tested assembly; EI 30 up to EI 240, see ANNEX BWR2 + ANNEX A field of application
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 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 Y ₁ (internal use)
BWR 5 Protection against noise EAD 350454-00-1104, §2.2.10	airborne sound insulation	npd
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

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 January 8 2019 by C. Buikema

field of application (FoA)	Firetect® Wrap + Wrap-'n-roll
	tested and certified by ETA-14/0251; 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		
field of application:	acc. EN 13501-2 / 1366-3	
EI 30 t/m EI 240: Wrap + Wrap-'n-roll	structural openings for pipe penetrations: ²⁾	
- PE/PP/PVC	≤ Ø160mm	also in PA board
- PP-MD	≤ Ø160mm	also with pipe sockets
- aluPE-X	≤ Ø75mm	also with pipe insulation + PA board
- PE-Xa	≤ Ø32 (54) mm	also with pipe insulation
- copper	≤ Ø76mm	also with pipe insulation
- steel	≤ Ø219mm	also with pipe insulation
²⁾ support services; support distance: see principle detail		

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

fasteners	wrap tight-fit with tape fasten glass wool or rock wool individually (not wrapped!) with steel wire	see TDS
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finish	apply smoke seal around pipe with Acrylic or PA sealer on 2 sides	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; 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	
  <small>European Organisation for Technical Assessment</small>	