

1. Unique identification of product	Firetect® Silicone sealant	
2. Intended use	service closure for structural (expansion) joints, to form a penetration seal in case of fire to reinstate the fire resistance of: - standard flexible walls ≥ 100mm - standard rigid walls ≥ 100mm - standard rigid floors ≥ 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)	350141-00-1106	
European Technical Assessment (ETA)	ETA-15/0630	
Certificate of Constancy of Performance	0960-CPR-SKGKOB.011137.01.NL	
Technical Assessment Body (TAB)	SKG-IKOB	
Identification notified body	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	reaction to fire	Class F
EN 13501-2	resistance to fire	per tested assembly; EI 30 up to EI 240, + Sa - S200; see ANNEX BWR2 + ANNEX A
	field of application	
BWR 3 Hygiene, health + environment		IA1, S/W3
EAD 350141-00-1106, §2.2.4	air permeability	npd
EAD 350141-00-1106, §2.2.5	water permeability	npd
EAD 350141-00-1106, §2.2.3	content, emission and/or release of dangerous substances	not dangerous under Regulation 1272/2008 in compliance with CLP regulations
BWR 4 Safety + accessibility in use		
EAD 350141-00-1106, §2.2.6	mechanical resistance + stability	npd
EAD 350141-00-1106, §2.2.7	resistance to impact / movement	npd
EAD 350141-00-1106, §2.2.8	adhesion	passed
EAD 350141-00-1106, §2.2.12	durability	X (internal + external use)
EAD 350141-00-1106, §2.2.13	movement capability	max. 25% SA (self-adhering)
BWR 5 Protection against noise		
EAD 350141-00-1106, §2.2.9	airborne sound insulation	R _{s,w} = 49 dB up to 53 dB
	field of application	see ANNEX B
BWR 6 Energy economy + heat retention		
EAD 350141-00-1106, §2.2.10	thermal insulation	npd
EAD 350141-00-1106, §2.2.11	water vapour permeability	npd
General aspects relation to fitness for use		
EAD 350141-00-1106, §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 dated 18-10-2019 by C. Buikema



field of application (FoA)	Firetect® Silicone sealant
	tested and certified by ETA-15/0630; 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/m³
- rigid wall ≥150mm: blockwork/concrete/masonry, density ≥ 600 kg/m³

fire rated floors
acc. EN 1363-1

- rigid floor ≥150mm: (aerated) concrete, density ≥ 600 kg/m³

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: EI 30 up to EI 240 : Silicone sealant	acc. EN 13501-2 / 1366-4 structural joints:
- linear joints	≤ 100mm
	adjacent joints in wall, orientation: - horizontal, incl. abutting floors - vertical
	adjacent joints in floor, orientation: - horizontal, incl. abutting walls

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	EC2		COMFORT

fasteners	not applicable	see TDS
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finish	none	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 + 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](#)

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


