

1. Unique identification of product	Firetect® A	
2. Intended use EAD 350142-00-1106, type 4	fire protective mineral board to protect elements to be used in assemblies: - loadbearing steel elements	
3. Manufacturer	KLF Building Products BV Techniekweg 11, 4207 HC Gorinchem, The Netherlands	
4. Authorised representative	not applicable	
5. System of AVCP	System 3	
6a. Harmonised standard	not applicable	
Notified body	not applicable	
6b. European Assessment Document (EAD)	350142-00-1106	
European Technical Assessment (ETA)	ETA-14/0402	
Certificate of Constancy of Performance		
Technical Assessment Body (TAB)	SKG-IKOB	
Identification notified body	No. 0960	
7. Declared performances		
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	Class A2-s1, d0 per tested assembly; R 30 up to R 180
BWR 3 Hygiene, health and environment EAD 350142-00-1106 declaration of manufacturer (DoP)	air permeability water permeability release of dangerous substances	npd npd no release of dangerous substances
BWR 4 Safety in use - EOTA TR001 mechanical resistance / stability EN 12467 resistance mechanical fastening EAD 350142-00-1106 resistance to movement adhesion	flexural strength pull-through pull-out shear load resistance with soft / hard body impact-load	npd npd npd npd npd
BWR 5 Protection against noise EN 10140-2, EN ISO 717-1 EN ISO 11654 EN ISO 717-2	airborne sound insulation sound absorption impact sound insulation	npd npd npd
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 EAD 350142-00-1106	durability and serviceability assumed working life for the intended use tensile strength perpendicular to the plane of the compressive strength	Z ₂ (internal use) 25 years npd npd
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 December 20 2018 by C. Buikema



field of application (FoA)	Firetect® A
	tested and certified by ETA-14/0402-A; fire resistance performances and assembly methods for uses in:

constructive element	
loadbearing steel elements EAD 350142-00-1106, type 4	- columns, profile sections 50 up to 355 [m ⁻¹] - beams, profile sections 50 up to 355 [m ⁻¹]

field of application: fire resistance in R or EI		configuration
acc. EN 13501-2 / 13381-4	board cladding for structural steel	
R 30	columns	beams
R 60	500 ° C	600 ° C
R 90	ctc 1200mm	ctc 600mm
R 120		
R 180		
board thickness depending on design temperature + factor [m ⁻¹] + no. of exposed sides see tables ¹⁾ at www.firetect.eu/download		
¹⁾ other design temperatures 350 °C up to 750 °C available upon request		

other fields of application: NON-ETA fire resistance in minutes		
acc. EN 1995-1-2+C2	fire rated ceilings ²⁾	Eurocode 5 (out of scope ETA 14/0402-A)
30 minutes	1 layer Firetect A15	
60 minutes	1 layer Firetect A20	
90 minutes	2 layer Firetect A15 or 1 layer Firetect A20 + 1 layer Firetect P12,5	
120 minutes	2 layer Firetect A20	
acc. NEN 6068+C1	flame barriers for adjacent joint wall ³⁾ / roof ⁴⁾ / facade	Dutch NEN (out of scope ETA 14/0402-A)
30 minutes	1 layer Firetect A20 495x1200mm on 1 side	
60 minutes	1 layer Firetect A20 495x1200mm on 2 sides	
²⁾ ceilings under structural timber floors or steel roofs ⁴⁾		
³⁾ rigid walls ≥ 150mm, density ≥ 650 kg/m ³		
⁴⁾ trapezoidal corrugated steel roofs with mineral wool roof insulation. For EPS / PIR / PUR insulation, additional measurements are required.		

fasteners + finish	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 + tables board thickness; upon request	
- web DoP version: declaration of performance; other info can be downloaded at firetect.eu/download	
- tables board thickness for steel cladding: R performance at design temperatures 500° C + 600° C	
- 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 R or EI requirements and (non)standard or complex site requirements; mail info@klf.nl	
 	