

DECLARATION OF PERFORMANCE (DoP)

DoP No.: FIR/PP/GRA – 01-08-2016
 Rev. No. 01.
 Rev. Date: 20th of May 2019

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| 1. Product: | FIRESAFE FT Graphite |
| 2. Intended use/s: | <p>Fire rated joint sealant with high heat expanding characteristics for fire sealing of openings in:</p> <ul style="list-style-type: none"> • Wall of gypsum board and aerated block work construction (density 600 -650 kg/m³). Thickness ≥ 100 mm. • Floors of rigid construction, incl. flexible ceilings (density 600 - 650 kg/m³). Thickness ≥ 150 mm. |
| 3. Manufacturer: | <p>Firesafe AS
 Robsrudskogen 15, 1470 LØRENSKOG
 Postboks 6411 Etterstad, 0605 OSLO
 Telephone: +47 22 72 20 20
 www.firesafe.no</p> |
| 4. Authorised representative: | Not applicable |
| 5. System/s of AVCP: | System 1 |
| 6a. Harmonised standard: | Not applicable |
| Notified body/ies: | Not applicable |
| 6b. European Assessment Document (EAD): | EAD 350454-00-1104 |
| European Technical Assessment (ETA): | ETA-16/0094 of 19/12/2018 |
| Technical Assessment Body (TAB): | SKG-IKOB |
| Identification no. of notified body: | No. 0960 |
| 7. Declared performances: | |
| | <i>(see table on next page)</i> |

DECLARED PERFORMANCES

Basic work requirement	Characteristics	Performances
BWR 1 Mechanical resistance and 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 20 up to EI 240, see details in accompanying installation instructions.
BWR 3 Hygiene, health and environment		
		IA1, S/W3
EAD 350454-00-1104, §2.2.3	Air permeability	NPD
EAD 350454-00-1104, §2.2.4	Water permeability	NPD
EAD 350454-00-1104, §2.2.5	Content, emission and/or release of dangerous substances	Not dangerous under Regulation in compliance with CLP regulations
BWR 4 Safety and accessibility in use		
EAD 350454-00-1104, §2.2.6	Mechanical resistance + stability	NPD
EAD 350454-00-1104, §2.2.7	Resistance to movement	NPD
EAD 350454-00-1104, §2.2.8	Adhesion	NPD
EAD 350454-00-1104, §2.2.9	Durability	Z ₂ (internal use)
BWR 5 Protection against noise		
EAD 350454-00-1104, §2.2.10	Airborne sound insulation	See table on the next page
BWR 6 Energy economy and heat retention		
EAD 350454-00-1104, §2.2.11	Thermal properties	NPD
EAD 350454-00-1104, §2.2.12	Water vapour permeability	NPD
General aspects relation to fitness for use		
EAD 350454-00-1104, §1.2.2	Assumed working life for the intended use	10 years
NPD = No Performance Determined		

Airborne sound insulation

Joint details (width x depth)	Joint specifications	On 1 side	On 2 sides
Joint details:	FT Graphite 50 x 15mm + PU backing \varnothing 70mm. $R_{s,w}$	43 dB	53 dB
FIRESAFE FT Graphite: Width x depth 50 mm x 15 mm	FT Graphite 50 x 15mm + 50 mm backing of rock wool 50 kg/m ³ . $R_{s,w}$	47 dB	52 dB




8. Appropriate technical documentation and/or specific documentation

The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer:

Oslo, 20th of May 2019

		
Pål Paulsen Product Manager Fire Sealing Products FIRESAFE AS	Atle Killerud Technical Director FIRESAFE AS	Morten Ameln CEO FIRESAFE AS

Important supplementary information

Overview of applications as well as fire resistance classes are shown in the installation instructions for FIRESAFE FT Graphite. Other documentation such as product data sheets, material safety data sheets (SDS) can be downloaded from www.firesafe.no.

Product Certification with / off Performance Statement (DoP); For more information see the certification of CE-branded construction products through ETA on www.eota.eu/;

Always consult with www.firesafe.no for the latest version of assembly instructions, product data sheet and performance statement (DoP), as product development and testing are ongoing processes in FIRESAFE AS.

Contact FIRESAFE AS, Technical Department for other EI-requirements, non-standardized solutions or complex project-specific requirements; E-mail: firmapost@firesafe.no.

