

# DECLARATION OF PERFORMANCE (DoP)

DoP No.: FIR/PP/FLX – 12-11-2019

Rev. No.: 00.

Rev. date: 12<sup>th</sup> of November 2019

- 1. Product:** **FIRESAFE FT Flex Strip**
- 2. Intended use/s:** FIRESAFE FT Flex Strip is an elastic, heat-expanding and fire proof system for sealing of vertical and horizontal linear joints. Characteristics for fire sealing of openings in:
  - Wall of gypsum board and aerated bloc work construction (density 600-650 kg/m<sup>3</sup>)  
Thickness ≥ 100 mm.
  - Floor of rigid construction (density 600-650 kg/m<sup>3</sup>)  
Thickness ≥ 150 mm.
- 3. Manufacturer:** **Firesafe AS**  
Robsrudskogen 15, 1470 LØRENSKOG  
Postboks 6411 Etterstad, 0605 OSLO  
Telephone: +47 22 72 20 20  
Telephone: +47 09110  
[www.firesafe.no](http://www.firesafe.no)
- 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 350454-00-1106
- European Technical Assessment (ETA):** ETA-16/0102 of 11/10/2019
- Technical Assessment Body (TAB):** SKG-IKOB
- Identification no. of notified body:** No. 0960
- 7. Declared performances:**  
(See table on next page)

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**DECLARED PERFORMANCES**


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**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 E

EN 13501-2

Resistance to fire

Per tested assembly; EI 60 up to EI 240, see details in accompanying installation instructions.

**BWR 3 Hygiene, health and environment**

IA1, S/W3

EAD 350454-00-1106, §2.2.4

Air permeability

NPD

EAD 350454-00-1106, §2.2.5

Water permeability

NPD

EAD 350454-00-1106, §2.2.3

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 350454-00-1106, §2.2.6

Mechanical resistance + stability

NPD

EAD 350454-00-1106, §2.2.7

Resistance to movement

NPD

EAD 350454-00-1106, §2.2.8

Adhesion

Passed

EAD 350454-00-1106, §2.2.12

Durability

Z<sub>1</sub> (internal use)

EAD 350454-00-1106, §2.2.13

Movement capability

Max. 25% FF (friction fixed)

EAD 350454-00-1106, §2.2.15

Compression set

Max. 40%

**BWR 5 Protection against noise**

EAD 350454-00-1106, §2.2.9

Airborne sound insulation

See table on the next page

**BWR 6 Energy economy and heat retention**

EAD 350454-00-1106, §2.2.10

Thermal insulation

NPD

EAD 350454-00-1106, §2.2.11

Water vapour permeability

NPD

**General aspects relation to fitness for use**

EAD 350454-00-1106, §1.2.2

Assumed working life for the intended use

10 years

NPD = No Performance Determined

**Airborne sound insulation**

Joint width	Joint detail (width x depth)	On 1 side	On 2 sides
7mm	FT Flex Strip 11 x 30mm. R s,w	47 dB	51 dB
12mm	FT Flex Strip 11 x 30mm. R s,w	46 dB	50 dB
15mm	FT Flex Strip 25x 25mm. R s,w	45 dB	51 dB
	FT Flex Strip 25 x 50mm. R s,w	47 dB	50 dB
25mm	FT Flex Strip 25 x 25mm. R s,w	40 dB	46 dB
	FT Flex Strip 25 x 50mm. R s,w	44 dB	46 dB
30mm	FT Flex Strip 50 x 50mm. R s,w	44 dB	48 dB
50mm	FT Flex Strip 50 x 50mm. R s,w	40 dB	43 dB

## 8. Appropriate technical documentation and / or specific technical 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, 12<sup>th</sup> of November 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 Flex Strip. Other documentation such as product data sheets, material safety data sheets (SDS) can be downloaded from [www.firesafe.no](http://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/](http://www.eota.eu/);

Always consult with [www.firesafe.no](http://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](mailto:firmapost@firesafe.no).

