

DECLARATION OF PERFORMANCE (DoP)

DoP No.: FIR/KWD/PAD-09-05-2016

Rev. No. 01.

Rev. date: 13 September 2017

EL number: 12 178 01

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| 1. Unique identification code of the product type | FIRESAFE FT Seal Pad |
| 2. Intended use/s | <p>Fire protection of plastic electrical wall boxes and ceiling boxes. FIRESAFE FT Seal Pad is used to seal electrical penetrations in the event of fire, by expanding and thereby reinstating the fire resistance of the fire barrier construction:</p> <ul style="list-style-type: none"> - Standard flexible walls \geq 100 mm - Standard flexible ceilings \geq 150 mm |
| 3. Manufacturer | <p>Firesafe AS
 Robsrudskogen 15, NO-1470 Lørenskog, Norway
 PO Box 6411 Etterstad, NO-0605 Oslo, Norway
 Telephone: +47 09110
 www.firesafe.no</p> |
| 4. Authorised Representative | Not stated/relevant |
| 5. System/s of AVCP | System 1 |
| 6a. Harmonised standard | Not stated/relevant |
| Notified body/ies: | Not stated/relevant |
| 6b. European Assessment Document | ETAG 026-2, version 2011 |
| European Technical Assessment | ETA-16/0093 of 5 March 2017 |
| Technical Assessment Body (TAB) | SKG-IKOB |
| Identification no. of notified body | No. 0957 |
| 7. Declared performances | |
| (See table on next page) | |

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 60 – EI 120, see also ANNEX BWR2
BWR 3 Hygiene, health and the environment		IA1, S/W3
EN 1026	Air permeability	No Performance Determined
ETAG 026-3, Annex C	Water permeability	No Performance Determined
Manufacturer's declaration (DoP)	Release of dangerous substances	No release of dangerous substances
BWR 4 Safety in use		
Mechanical resistance and stability		
EOTA TR001		No Performance Determined
Resistance to impact/movement		
EOTA TR001		No Performance Determined
Adhesion		
EOTA TR001		No Performance Determined
BWR 5 Protection against noise		
EN 10140-2, EN ISO 717-1	Airborne sound insulation	No Performance Determined
BWR 6 Energy, economy and heat retention		
EN 12664, EN 12667, EN 12939	Thermal properties	No Performance Determined
EN ISO 12572, EN 12056	Water vapour permeability	No Performance Determined
General aspects relating to fitness for use	Durability and serviceability	Z ₂ (indoor use)
ETAG 026-2, Annex B, B.6.2	Assumed working life for the intended use	10 years

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, 13 September 2017

		
Karen Wibe Due Fire Safety Consultant	Atle Killerud Technical Director	Morten Ameln CEO

ANNEX BWR 2 Safety in case of fire

Intended use/s **FIRESAFE FT Seal Pad**

Tested and certified in accordance with ETA-16/0093 of 5 March 2017.
 ETA-16/0093 of 5 March 2017 replaces ETA-16/0093 of 1 March 2016.

The fire-resistance characteristics and installation methods for the use of **FIRESAFE FT Seal Pad** are also specified in the accompanying installation instructions.

Construction element ¹⁾

fire-rated walls
 in accordance with EN 1363-1

Standard flexible walls ≥ 100 mm:
 Double walls/cavity walls must be insulated.
 The wall box must be connected with cables.

fire-rated slabs/ceilings
 in accordance with EN 1363-1

Standard flexible ceilings ≥ 150 mm:
 Insulation is not required.
 The ceiling box must be connected with cables.

¹⁾ the load-bearing construction must be classified in accordance with EN 13501-2 for the entire necessary fire resistance period

Resistance to fire

Installation ²⁾

Intended use/s
 in accordance with EN 13501-2 /
 1366-3

Plastic wall boxes and ceiling boxes; must be connected with cables

	Wall box	Ceiling box	No. of FT Seal Pads. Dimensions: 50 mm × 50 mm × 6 mm thick
EI 60: single wall box	On 1 side	-	1 pad
EI 60: single wall box: size 1.5 BETEK	On 1 side	-	1 pad
EI 60: max. 5 wall boxes in a row	On 1 side, linked together	-	1 to 5 pads
EI 90: double wall box	On 2 sides, back to back	-	2 × 2 pads
EI 120: single wall box	On 2 sides, back to back	-	2 × 1 pad
EI 180: single ceiling box	-	On the underside	1 pad

²⁾ principal configuration

Fasteners

None	See the accompanying installation instructions
Place the FIRESAFE FT Seal Pad right at the back inside the electrical wall box or ceiling box.	

Finishing

None.	See the accompanying installation instructions and/or product data sheet, or contact the technical department at FIRESAFE AS
If a seamless installation in the construction element is desired, use smoke sealant (FIRESAFE FT Acrylic joint sealant or FIRESAFE FT Paste) around the wall box or ceiling box.	

Product information

- For areas of applications and principal configurations, read the installation instructions
- Other documentation, including a product data sheet and installation instructions, can be downloaded from www.firesafe.no
- Product certification of DoP: for more information, see certification of CE-marked construction products through ETA on www.eota.eu
- Always consult www.firesafe.no for the latest version of this DoP, as product development and testing are continuous processes at Firesafe.
- Contact FIRESAFE for other EI requirements and other complex solutions.

