



ETA-Danmark A/S
Göteborg Plads 1
DK-2150 Nordhavn
Tel. +45 72 24 59 00
Internet www.etadanmark.dk

Authorised and notified
according to Article 29 of the
Regulation (EU)
No 305/2011 of the European
Parliament and of the Council
of 9 March 2011



European Technical Assessment ETA-21/0119 of 2021/01/03

I General Part

Technical Assessment Body issuing the ETA and designated according to Article 29 of the Regulation (EU) No 305/2011: ETA-Danmark A/S

Trade name of the construction product:

PROFiSEAL FSA Socket Plate

Product family to which the above construction product belongs:

Fire Stopping and Sealing Product:
• Penetration Seals

Manufacturer:

Caupo Group OY
Lumijoentie 8
90400 Oulu
Finland

Manufacturing plant:

A/003

This European Technical Assessment contains:

8 pages including 1 annex which form an integral part of the document

This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of:

EAD 350454-00-1104, September 2017

This version replaces:

-

Translations of this European Technical Assessment in other languages shall fully correspond to the original issued document and should be identified as such.

Communication of this European Technical Assessment, including transmission by electronic means, shall be in full. However, partial reproduction may be made, with the written consent of the issuing Technical Assessment Body. Any partial reproduction has to be identified as such.

Table of Contents

I.	SPECIFIC PARTS OF THE EUROPEAN TECHNICAL ASSESSMENT	4
1	Technical description of the product	4
2	Specification of the intended uses of the product in accordance with the applicable European Assessment Document (Hereinafter EAD): ETAG 026-2.....	5
3	Performance of the product and references to the methods used for its assessment	6
4	ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE (HEREINAFTER AVCP) SYSTEM APPLIED, WITH REFERENCE TO ITS LEGAL BASE.....	7
5	Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD	7
	ANNEX A – Resistance to Fire Classification – PROFiSEAL FSA Socket Plate.....	8
A.1	Flexible wall constructions with wall thickness of minimum 100 mm	8
A.1.1	Cable penetration seal with 3.8 mm thick PROFiSEAL FSA Socket Plate in socket box.....	8

I. SPECIFIC PARTS OF THE EUROPEAN TECHNICAL ASSESSMENT

1 Technical description of the product

- 1) PROFiSEAL FSA Socket Plate is a preformed, self adhesive intumescent sheet used to reinstate the fire resistance performance of wall constructions where they have been provided with apertures for the penetration of cables into socket boxes, on both sides of the wall.
- 2) The PROFiSEAL FSA Socket Plate is supplied precut to size with a peel off strip to one face to protect the adhesive layer. The PROFiSEAL FSA Socket Plate is installed by removing the peelable strip and placing the pad to the back face, within the socket box .
- 3) The applicant has submitted a written declaration that PROFiSEAL FSA Socket Plate does not contain substances which have to be classified as dangerous according to Directive 67/548/EEC and Regulation (EC) No 1272/2008 and listed in the "Indicative list on dangerous substances" of the EGDS - taking into account the installation conditions of the construction product and the release scenarios resulting from there.

In addition to the specific clauses relating to dangerous substances contained in this European technical Assessment, there may be other requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the Construction Products Regulation, these requirements need also to be complied with, when and where they apply.

2 Specification of the intended uses of the product in accordance with the applicable European Assessment Document (Hereinafter EAD): ETAG 026-2

Detailed information and data is given in Annex A.

- 1) The intended use of PROFiSEAL FSA Socket Plate is to reinstate the fire resistance performance of flexible wall constructions where they are penetrated by cables in socket boxes.
- 2) The specific elements of construction that the system PROFiSEAL FSA Socket Plate may be used to provide a penetration seal in, are as follows:
 - a. Flexible walls: The wall must have a minimum thickness of 100 mm and comprise steel studs lined on both faces with minimum 2 layers of 12.5 mm thick boards.

The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period.

- 3) The System PROFiSEAL FSA Socket Plate may be used to provide a penetration seal with cables in socket boxes (for details see Annex A).
- 4) The system PROFiSEAL FSA Socket Plate may be used to seal apertures in the separating element up to 74 mm diameter (aperture containing socket box). The aperture around the socket box should be as tightly fitting as possible and gaps filled with plaster filler.
- 5) The provisions made in this European Technical Assessment are based on an assumed working life of the PROFiSEAL FSA Socket Plate of 50 years, provided that the conditions laid down in the product datasheet for the packaging/transport/ storage/installation/use/repair are met. The indications given on the working life cannot be interpreted as a guarantee given by the producer or the Technical Assessment Body but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.
- 6) Type Z₂: Intended for uses in internal conditions with humidity lower than 85 % RH excluding temperatures below 0°C, without exposure to rain or UV.

3 Performance of the product and references to the methods used for its assessment

Product-type: Intumescent sheet		Intended use: Penetration Seal
	Essential characteristic	Performance
	Mechanical resistance and stability	
	None	Not relevant
Safety in case of fire		
	Reaction to fire	No performance assessed
	Resistance to fire	Annex A
Hygiene, health and environment		
	Air permeability (material property)	No performance assessed
	Water permeability (material property)	No performance assessed
	Release of dangerous substances	Declaration of manufacturer
Safety in use		
	Mechanical resistance and stability	No performance assessed
	Resistance to impact/movement	No performance assessed
	Adhesion	No performance assessed
Protection against noise		
	Airborne sound insulation	No performance assessed
Energy economy and heat retention		
	Thermal properties	No performance assessed
	Water vapour permeability	No performance assessed
General aspects relating to fitness for use		
	Durability and serviceability	Z ₂

4 ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE (HEREINAFTER AVCP) SYSTEM APPLIED, WITH REFERENCE TO ITS LEGAL BASE

According to the decision 1999/454/EC – Commission Decision of date 22nd June 1999 on the procedure for attesting the conformity of construction products pursuant to Article 20(2) of Council Directive 89/106/EEC as regards fire stopping, fire sealing and fire protective products, published in the Official Journal of the European Union (OJEU) L178/52 of 14/07/1999, see <http://eur-lex.europa.eu/JOIndex.do> of the European Commission¹, as amended, the system(s) of assessment and verification of constancy of performance (see Annex V to Regulation (EU) No 305/2011) given in the following table(s) applies (apply).

Product(s)	Intended use(s)	Level(s) or class(es)	System(s)
Fire stopping and Fire Sealing Products	For fire compartmentation and/or fire protection or fire performance	Any	1

5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited at ETA-Danmark A/S prior to CE marking

Issued in Copenhagen on 2021-01-03 by



Thomas Bruun

Managing Director, ETA-Danmark

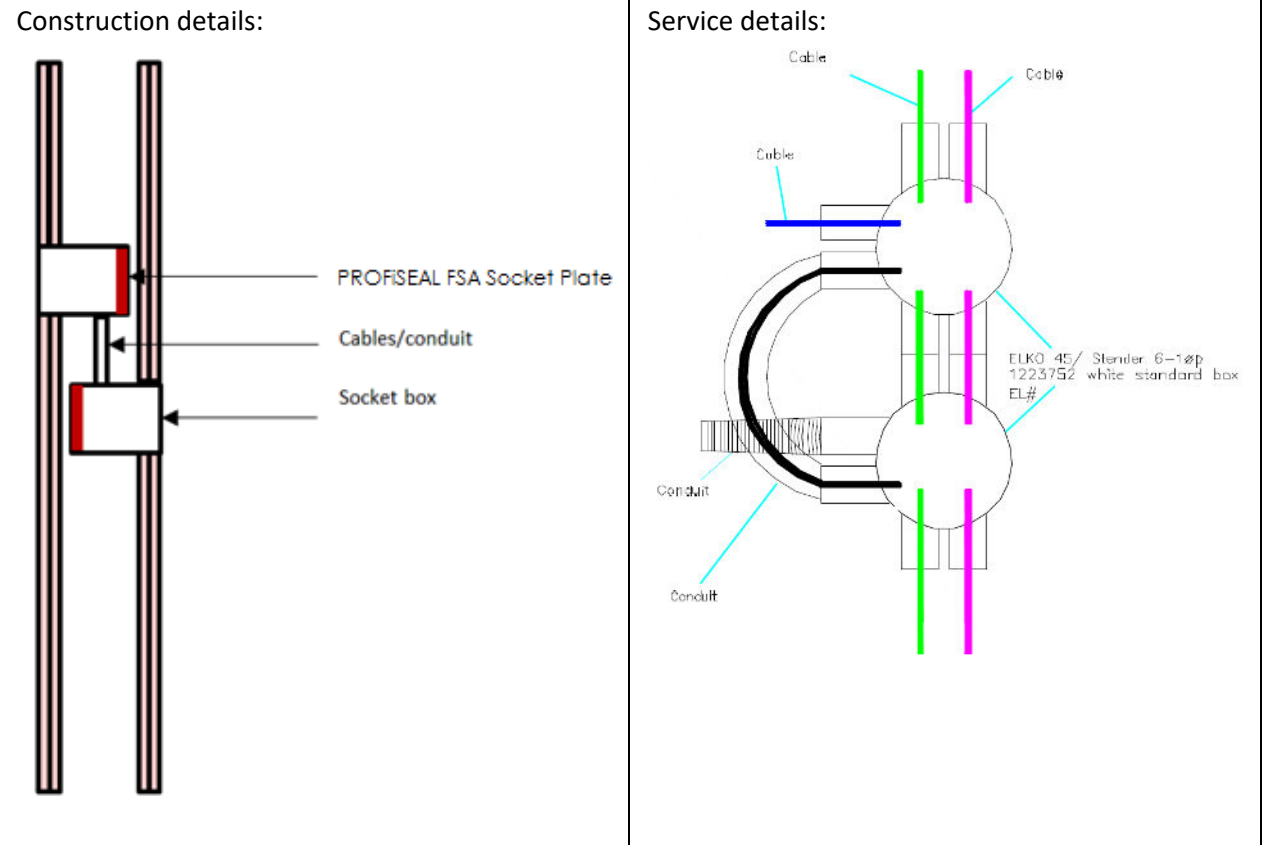
¹ Official Journal of the European Communities L178/52 of 14/7/1999

ANNEX A – Resistance to Fire Classification – PROFiSEAL FSA Socket Plate

A.1 Flexible wall constructions with wall thickness of minimum 100 mm

A.1.1 Cable penetration seal with 3.8 mm thick PROFiSEAL FSA Socket Plate in socket box

Penetration Seal: Cables installed within socket boxes with PROFiSEAL FSA Socket Plate adhered to back face within the socket box.



A.1.1.1 Double side penetration seal with cables in socket boxes

Services	Socket box*	PROFiSEAL FSA Socket Plate mm	Aperture mm	Classification
Cables up to 14 mm diameter	ELKO 45/Stender 6-1øp 1223752 white standard box EL # Or ELKO 3012 S57/100 1223789 #	59 Ø x 3.8 Or 46 x 46 x 3.8	73-74 Ø^	EI 60
Plastic conduit 22 mm diameter, with or without cables				

*Fixed directly to studs or with steel plate between studs.

^Aperture shall be as tightly fitting as possible and infilled with building plaster.