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Regulation (EU)  
No 305/2011 of the European  
Parliament and of the Council  
of 9 March 2011

MEMBER OF EOTA



## European Technical Assessment ETA-21/1002 of 2021/11/25

### 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:**

Knauf FP Service Transit

**Product family to which the above construction product belongs:**

Fire Stopping and Sealing Product:  
• Penetration Seals

**Manufacturer:**

Knauf Sp. z o.o.  
Ul. Swiatowa 25  
PL-02-229 Warzaw

**Manufacturing plant:**

A/003

**This European Technical Assessment contains:**

28 pages including 2 annexes 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

**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.**

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**Table of Contents**

<b>I.</b>	<b>SPECIFIC PARTS OF THE EUROPEAN TECHNICAL ASSESSMENT</b> .....	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): EAD 350454-00-1104.....	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
	<b>ANNEX A – Resistance to Fire Classification – Knauf FP Service Transit</b> .....	8
A.1	Flexible or rigid wall constructions with wall thickness of minimum 75 mm .....	8
A.1.1	Penetration seals, in drywalls (min. 1 x 12.5 mm board per side) and concrete/masonry walls.....	8
A.2	Flexible or rigid wall constructions with wall thickness of minimum 100 mm .....	10
A.2.1	Penetration seals, in drywalls (min. 2 x 12.5 mm board per side) and concrete/masonry walls.....	10
A.3	Flexible or rigid wall constructions with wall thickness of minimum 120 mm .....	12
A.3.1	Penetration seals, in drywalls (min. 2 x 15 mm board per side) and concrete/masonry walls.....	12
A.4	Rigid walls constructions with wall thickness of minimum 150 mm .....	13
A.4.1	Penetration seals in concrete/masonry walls .....	13
A.4.2	Penetration seals, in 150 mm thick Knauf FPC Panel 2-S seals (including 30 mm air gap) in concrete/masonry walls .....	15
A.5	Timber wall constructions with wall thickness of minimum 100 mm.....	16
A.5.1	Penetration seals in timber walls.....	16
A.6	Rigid floor constructions with thickness of minimum 150 mm .....	18
A.6.1	Penetration seals in concrete/masonry floors .....	18
A.6.2	Penetration seals, in 50 mm thick Knauf FPM - Fire Protection Mortar (with 50 mm stone wool backer) in concrete/masonry floors .....	21
A.7	Timber floor constructions with floor thickness of minimum 150 mm .....	23
A.7.1	Penetration seals in timber floors.....	23
	<b>ANNEX B – Air Permeability – Knauf FP Service Transit</b> .....	25

**I. SPECIFIC PARTS OF THE EUROPEAN TECHNICAL ASSESSMENT**

**1 Technical description of the product**

- 1) Knauf FP Service Transit is a cable box device used to form penetration seals where cables, plastic pipes and conduits penetrate walls and floors.
- 2) The Knauf FP Service Transit is supplied with intumescent liner complete within a two-part Polypropylene shell, to be closed around the services and inserted into the aperture in the supporting element. Knauf FP Service Transit is also supplied as a single pipe. Services can be inserted through the product and removed after it has been installed.
- 3) The applicant has submitted a written declaration that the product and/or constituents of the product contains no substances which have been 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.

- 4) The use category of Knauf FP Service Transit in relation to BWR 3 (Hygiene, health and environment) is IA1, S/W2.

**2 Specification of the intended uses of the product in accordance with the applicable European Assessment Document (Hereinafter EAD): EAD 350454-00-1104**

Detailed information and data is given in Annex A.

The intended use of system Knauf FP Service Transit is to reinstate the fire resistance performance of flexible wall, rigid wall and floor constructions, and timber wall and floor constructions, where they are penetrated by services.

- 1) The specific elements of construction that the system Knauf FP Service Transit may be used to provide a penetration seal in, are as follows:

Flexible walls:	The wall must have a minimum thickness of 75 mm and comprise steel or timber studs* lined on both faces with minimum 1 layer of 12.5 mm thick boards.
Rigid walls:	The wall must have a minimum thickness of 75 mm and comprise concrete, aerated concrete or masonry, with a minimum density of 650 kg/m <sup>3</sup> .
Timber walls:	The wall must have a minimum thickness of 100 mm and comprise solid wood or cross-laminated timber
Rigid floors:	The floor must have a minimum thickness of 150 mm and comprise aerated concrete or concrete with a minimum density of 650 kg/m <sup>3</sup> .
Timber floors:	The floor must have a minimum thickness of 150 mm and comprise solid wood or cross-laminated timber.

\* no part of the penetration seal may be closer than 100 mm to a stud, the cavity must be closed between the penetration seal and the stud, and minimum 100 mm of insulation of class A1 or A2 according to EN 13501-1 must be provided within the cavity between the penetration seal and the stud.

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

- 2) The system Knauf FP Service Transit may be used to provide a penetration seal with specific supporting constructions and substrates (for details see Annex A).
- 3) The provisions made in this European Technical Assessment are based on an assumed working life of the Knauf FP Service Transit of 30 years, provided that the conditions laid down in the manufacturers datasheet and instructions 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.
- 4) Type Z<sub>2</sub>: intended for use at internal conditions with humidity classes other than Z<sub>1</sub>, excluding temperatures below 0°C.

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

Product-type: Pipe Service Transit	Intended use: Penetration Seal
Basic Requirement	Performance
<b>BWR 2 Safety in case of fire</b>	
Reaction to fire	No performance assessed
Resistance to fire	Annex A
<b>BWR 3 Hygiene, health and environment</b>	
Air permeability	Annex B
Water permeability	No performance assessed
Content, emission and/or release of dangerous substances	Use categories: IA1, S/W2 Declaration of manufacturer
<b>BWR 4 Safety in use</b>	
Mechanical resistance and stability	No performance assessed
Resistance to impact/movement	No performance assessed
Adhesion	No performance assessed
Durability	Z <sub>2</sub>
<b>BWR 5 Protection against noise</b>	
Airborne sound insulation	No performance assessed
<b>BWR 6 Energy economy and heat retention</b>	
Thermal properties	No performance assessed
Water vapour permeability	No performance assessed

**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 <https://eur-lex.europa.eu/oj/direct-access.html>) of the European Commission<sup>1</sup>, 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 2021-11-25 by



Thomas Bruun

Managing Director, ETA-Danmark

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