

## Declaration of Performance

No: **PS-17002**

### **Protecta<sup>®</sup> FR Service Transit**

1. Unique identification code of the product-type:  
**Protecta FR Service Transit**
  
2. Type, batch or serial no. or any other element allowing identification of the construction product as required pursuant to article 11(4):  
**See product for batch number**
  
- 2.1 Protecta FR Service Transit are supplied as Ø 40mm, Ø 63mm, Ø 90mm and Ø 110mm in various lengths.
  
- 2.2 In accordance with article 11(4) all products are supplied with product code, date of manufacture and with all manufacturing processes traceable through Polyseam's Factory Production controls (FPC) held in the product technical files.
  
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer, and in accordance with the applicable European Assessment Document (Hereinafter EAD): EAD 350454-00-1104, September 2017 (penetration seals).
  
- 3.1 The intended use of system Protecta FR Service Transit is to reinstate the fire resistance performance of flexible walls, rigid walls and floor constructions, where they are penetrated by services.
  
- 3.2 The specific elements of construction that the system Protecta FR 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 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.
  
- The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period.

The system Protecta FR Service Transit may be used to provide a penetration seal with specific supporting constructions and substrates (for details see ETA 21/0043).

3.3 The provisions made in this European Technical Assessment are based on an assumed working life of the Protecta FR Service Transit of 30 years, provided that the conditions laid down in the manufacturer's 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 manufacturer, 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.

3.4 Type Z<sub>2</sub>: intended for use for internal conditions with humidity classes other than Z<sub>1</sub>, excluding temperatures below 0 °C.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to article 11(5):

**Polyseam Ltd.**  
15 St Andrews Road  
Huddersfield  
West Yorkshire  
HD1 5SB  
United Kingdom

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

**Not applicable**

6. System or systems of assessment and verification of consistency of performance of the construction product as set out in annex V:

**AVCP-System 1**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard

**Not applicable**

8. In case of the declaration of performance concerning a construction product for which a European Technical assessment has been issued:

This Declaration of Performance has been prepared in accordance with the guidelines set out within EAD 350454-00-1104, September 2017 (penetration seals).

ETA 21/0043 issued on 1/1/2021 prepared by ETA-Danmark A/S.

CoC 2531-CPR-CXO10140 issued on 3/3/2021 prepared by DBI Certification, notified body No. 2531.

9. Declared performance:

Product –type: Service Box	Intended use: Penetration Seal	
Essential characteristics	Performance	Test Standard
Reaction to Fire	NPD	EN 13501-1
Resistance to Fire	ETA 21/0043 Annex A	EN 13501-2
Air permeability (material property)	ETA 21/0043 Annex B	EN 1026:2000
Water permeability (material property)	Not relevant	ETAG 026-2 Annex C
Release of dangerous substances	As the manufacture we declare that there is no release of dangerous substances during the installation or use of this product. See safety data sheets.	
Mechanical Resistance and stability	Not relevant	EOTA TR 001:2003
Resistance to impact/movement	Not relevant	EOTA TR 001:2003
Airborne sound insulation	NPD	EN 10140-2
Impact sound insulation	Not relevant	EN 10140-3
Thermal properties	Not relevant	EN 12664, EN12667, or EN12939
Water vapour permeability	Not relevant	EN ISO 12572, EN 12086
Durability and serviceability	Z <sub>2</sub>	ISO 8339:2005, ISO 9046:2004 & ISO 7389

10. The performance of the product identified in points 1 and 2 is in conformity with the performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on the behalf of the manufacturer by:

Kjetil Bogstad, Director

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Name and function

London, 18.03.2021

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Place and date of issue

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Signature