

## Declaration of Performance

No.: **PS-16009**

1. Unique identification code of the product-type:

### **Protecta® FR Graphite Plate**

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**

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 (penetration seals).

3.1 The intended use of Protecta FR Graphite Plate is to reinstate the fire resistance performance of flexible wall constructions where they are penetrated by cables in socket boxes. The specific elements of construction that the system Protecta FR Graphite Plate may be used to provide a penetration seal in 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, see ETA 21/0042 for details.

3.2 The provisions made in this DOP are based on an assumed working life of Protecta FR Graphite Plate of 50 years, provided that the conditions laid down in the manufacturers' instructions and datasheet for the packaging/transport/ storage/installation/use/repair are met the assumed working life for Protecta. The indications given on the working life cannot be interpreted as a guarantee given by the producer, 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.

3.3 Type Z<sub>2</sub>: Intended for uses in internal conditions with humidity lower than 85 % RH excluding temperatures below 0 °C, without exposure to rain or UV.

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 6SB  
United Kingdom**

5. Where applicable, name and contact address of the authorized representative whose mandate cover 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, penetration seals.

ETA 21/0042 issued on 1/1/2021 prepared by ETA-Danmark A/S.

CoC 2531-CPR-CXO10138 issued on 3/3/2021 prepared by DBI Certification, notified body No. 2531.

9. Declared performance:

Product –type: Intumescent Plate		Intended use: Penetration Seal	
Essential characteristics	Performance	Test Standard	
Reaction to Fire	N/A	EN 13501-1	
Resistance to Fire	ETA 21/0042 Annex A	EN 13501-2	
Air permeability (material property)	NPD	EN 1026:2000	
Water permeability	NPD	ETAG 026-3 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	NPD	Not relevant	
Resistance to impact/movement	NPD	EOTA TR 001:2003	
Airborne sound insulation	NPD	EN 10140-2	
Impact sound insulation	NPD	EN 10140-3	
Thermal properties	NPD	EN 12664, EN12667, or EN12939	
Water vapor permeability	NPD	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:

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Kjetil Bogstad, Director  
(name and function)  
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London, 14.03.2021  
Place and date of issue  
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Signature  
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