Polyseam Ltd.
15 St Andrews Road
Huddersfield
HD1 6SB
United Kingdom
T: +44 (0) 1484 421036
F: +44 (0) 1484 500445
E: post.uk@polyseam.com

Declaration of Performance

No.: **PS-14013**

1. Unique identification code of the product-type:

Protecta® FR Board

2. Type, batch or serial no. or any other element allowing identification of the construction product as required pursuant to article 11(4):

See packaging for batch no.

2.1 Protecta FR Board is supplied in 600mm x 1200mm boards. The Protecta FR Board is supplied in a multitude of board thicknesses and is coated on one face, referenced 1-S, or on both faces, referenced 2-S.

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. Specification of the intended uses of the product in accordance with the applicable European Assessment Document: EAD 350454-00-1104, September 2017 (penetration seals) and EAD 350141-00-1106 (linear joint seals).

3.1 The intended use of Protecta FR Board is to reinstate the fire resistance performance of flexible wall, rigid wall, timber wall and floor constructions where they are penetrated by various cables, trays, metallic pipes, composite pipes, plastic pipes and conduits, or, in linear seals.

3.2 The specific elements of construction that the system Protecta FR Board may be used to provide a penetration seal in, are as follows, unless otherwise stated in the following country document approvals:

- UK use only, 0843-UKTA-22/0025 and 0843-UKTA-22/0034
- EU use only, ETA 22/0733, ETA 22/0771 and ETA 23/0496

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 [1)].

Timber walls: The wall must have a minimum thickness of 100 mm and comprise solid wood or cross-laminated timber.

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/m3 [1)].

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/m3.

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.

[1)] Minimum wall thickness is dependent on approvals specified in the UKTAs and ETAs Annex A.

3.3 The System Protecta FR Board may be used to provide a penetration seal with cables, cable trays, metallic pipes, composite pipes, conduits and plastic pipes, with and without insulation. The system Protecta FR Board may be used to seal apertures in the separating element of unlimited width by 1200mm high in a wall (uninterrupted separating studs will be required at 2400 mm centres or less in flexible walls), and 2400mm by 1200 mm in a floor. The minimum permitted separation between adjacent seals/apertures is 100mm. Services should be a minimum of 25mm from seal edges. Services within the system Protecta FR Board seal do not require a minimum separation, except where pipe wraps are used which must be a minimum of 30 mm from other services in the aperture. Services in floors should be supported at maximum 450 mm from the top face. Services in walls should be supported at maximum 270 mm from both faces of the wall. For details refer to the country document approvals:

- UK use only, 0843-UKTA-22/0025 and 0843-UKTA-22/0034
- EU use only, ETA 22/0733, ETA 22/0771 and ETA 23/0496

3.4 The provisions made in this DoP are based on an assumed working life of the Protecta FR Board of 10 years, however 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 FR Board is 25 years. 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.

3.5 Type Y1: intended for use at temperatures below 0°C with exposure to UV and moisture but no exposure to rain. Includes lower classes Y2, Z1, Z2.

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 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 or United Kingdom 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 and EAD 350141-00-1106 linear joint seals.

UK use only - UKTA - 0843-UKTA-22/0025 prepared by UL
- UKTA - 0843-UKTA-22/0034 prepared by UL
- UKCA - 0843-CPR-1221 prepared by UL

EU use only - ETA 22/0733 prepared by UL
- ETA 22/0771 prepared by UL
- ETA 23/0496 prepared by ETA Danmark
- CoC 2531-CPR-CXO10130 prepared by DBI Certification, notified body No. 2531

9. Declared performance:

Product type: **FR Board**	Intended use: **Fire Stopping Seal**	
Essential characteristics	**Performance**	**Test Standard**
Reaction to Fire	D -s1 – d0	EN 13501-1
Resistance to Fire	UK - 0843-UKTA-22/0025 and - 0843/UKTA-22/0034 - Annex A EU - ETA 22/0733, - ETA 22/0771 and - ETA 23/0496 - Annex A	EN 13501-2
Air permeability (material property)	UK - 0843-UKTA-22/0025 and - 0843/UKTA-22/0034 - Annex B EU - ETA 22/0733, - ETA 22/0771 and - ETA 23/0496 - Annex B	EN 1026
Water permeability (material property)	NPD	EAD 350454-00-1104, Annex C
Release of dangerous substances	Complies to multiple protocols, see Technical Datasheet	EN 16516
Mechanical Resistance and stability	NPD	EOTA TR 001:2003

Resistance to impact/movement	NPD	EOTA TR 001:2003
Adhesion	NPD	EOTA TR 001:2003
Airborne sound insulation	UK - 0843-UKTA-22/0025 and - 0843/UKTA-22/0034 Section 3 EU - ETA 22/0733, - ETA 22/0771 and - ETA 23/0496 Section 3	EN 10140-1,2,4,5 EN ISO 717-1
Impact sound insulation	NPD	EN 10140-3
Thermal properties	NPD	EN 12664, EN12667, EN12939
Water vapour permeability	NPD	EN ISO 12572, EN 12086
Durability and serviceability	Y_1	EAD 350454-00-1104, Clause 2.2.9

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:

Name: Paul Ramage Function: Certification Manager

Place of Issue: Huddersfield, England

Date of Issue: 20th February 2025 Signature: