

Declaration of Performance

No.: **PS-14017**

Protecta® FR Foam

1. Unique identification code of the product-type:

Protecta FR Foam

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 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 350141-00-1106 (linear joint and gap seals):

3.1 The intended use of system Protecta FR Foam is to reinstate the fire resistance performance of gaps and joints in and between rigid wall constructions, gaps and joints in and between rigid floor and rigid wall junction constructions, gaps between flexible and rigid wall junctions with timber door/window frames.

3.2 The specific elements of construction that the system Protecta FR Foam may be used to provide a gap joint seals in, are as follows:

Flexible walls: The wall must have a minimum thickness of 100 mm and comprise of steel studs lined on both faces with minimum 2 layers of 12.5 mm thick boards.

Rigid walls: The wall must have a minimum thickness of 150 mm and comprise concrete, aerated concrete or masonry, with a minimum density of 650 kg/m³.

The supporting construction must be classified in accordance with EN 13501-2 for the required fire resistance period. If used between a door/window frame and supporting construction both must be classified in accordance with EN13501-2 for the required fire resistance period.

3.3 The system Protecta FR Foam may be used to provide linear gap and joint seals with specific supporting construction and substrates (for details see ETA 21/0045 Annex A).

The maximum permitted joint/gap width for system Protecta FR Foam is 30 mm. Depending upon the requirements specified in ETA 21/0045 Annex A, the joints/gaps shall be just with Protecta FR Foam, or with Protecta FR Foam capped with Protecta IPT sealant.

3.4 The provisions made in the European Technical Assessment (ETA 21/0045) are based on an assumed working life of the Protecta FR Foam of 10 years, provided that the conditions laid down in the manufacturer's instructions/datasheets for the packaging/transport/storage/installation/ use/repair are met the assumed working life of Protecta FR Foam for internal conditions without exposure to UV or moisture is 30 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 Y₂ (-5 °C/+70 °C): Intended for use at internal or external sheltered conditions with high or other humidity classes, including temperatures below 0°C but without exposure to rain or UV. Includes classes 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 has been issued:

This Declaration of Performance has been prepared in accordance with the guidelines set out within EAD 350141-00-1106 (linear joint and gap seals).

ETA 21/0045 issued on 1/1/2021 prepared by ETA-Danmark A/S.

CoC 2531-CPR-CXO10136 issued on 3/3/2021 prepared by DBI Certification, notified body No. 2531.

9. Declared performance:

Essential Characteristics	Performance	Harmonised technical specification or test Standard
Reaction to fire	NPD	EN 13501-1
Resistance to fire	See ETA 21/0045 Annex A	EN13501-2
Air permeability	NPD	EN1026
Water permeability	NPD	EAD 350141-00-1106 Annex C
Release of dangerous substances	As the manufacturer declare that Protecta FR Foam is compliant with the requirements of current EU legislation on Chemical Safety.	
Mechanical resistance and stability	NPD	EOTA TR 001
Resistance to impact/movement	NPD	EOTA TR 001
Adhesion	NPD	EN ISO 9046
Airborne sound insulation	Rw (C;Ctr) = 61 (-1;--4) dB *	EN 10140-2
Impact sound insulation	NPD	EN 10140-3
Thermal properties	NPD	EN 12664, EN 12667, EN 12939
Water vapour permeability	NPD	EN ISO 12572, EN 12086
Durability and serviceability	Y ₂	ISO 8339

* Minimum 50 mm depth single sided seal.

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

(name and function)

London, 14.03.2021

Place and date of issue



Signature