

## Declaration of Performance

No.: **PS-21001**

1. Unique identification code of the product-type:

### **Protecta<sup>®</sup> FR Adhesive**

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

**See label for batch number.**

2.1 Protecta FR adhesive is supplied in 310ml cartridges.

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 350142-00-1106, September 2017, Fire Protective Products, Fire protective board, slab and mat products and kits.

3.1 The intended use of Protecta FR Adhesive is to provide early grab adhesion or used as a filler with multiple usages where bonding or sealing very hot surfaces is required, or sustain a seal or a bond within a fire situation without detachment.

3.2 The specific elements of construction that the system Protecta FR Adhesive may be used to provide a penetration and linear joint 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, unless otherwise stated in the following country document approvals:

- EU use only, ETA 21/0694

Rigid walls: The wall must have a minimum thickness of 75 mm unless otherwise stated in the following country document approvals:

- EU use only, ETA 21/0694

Walls shall comprise of concrete, aerated concrete or masonry, with a minimum density of 350 kg/m<sup>3</sup>.

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>.

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

3.3 The System Protecta FR Adhesive may be used to bonding mineral fibre boards to steel, timber and concrete, adding an extra layer of protection against heat transfer, for details refer to the country document approvals:

- EU use only, ETA 21/0694

- 3.4 The provisions made in the European Technical Assessment, 21/0694 are based on an assumed working life of the Protecta FR Adhesive of 30 years, provided that the conditions laid down in the product datasheet 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, 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 Z<sub>2</sub>: intended for application at temperatures above 5°C. Not intended for application on substrates that can exude oils and plasticizers or solvents. Not suitable for food contact or medical applications. Cannot be subjected directly to water or moisture.

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 seals and EAD 350454-00-1104 penetration seals.

- ETA 21/0307 issued on 07/08/2021 prepared by UL
- CoC 2531-CPR-CXO10213 issued on 09/03/2011 prepared by DBI Certification, notified body No. 2531

9. Declared performance:

Product type: <b>Coating</b>	Intended use: <b>Linear and Penetration Seal</b>	
Essential characteristics	Performance	Test Standard
Reaction to Fire	A1	EN 13501-1
Resistance to Fire	EU - ETA 21/0694	EN 13501-2
Water permeability (material property)	No performance assessed	ETA 21/0694
Release of dangerous substances	Complies to multiple protocols, see Technical Data Sheet	EN 16516
Mechanical Resistance and stability	Complies to multiple protocols, see Technical Data Sheet	ETA 21/0694, Clause 3.4
Resistance to impact/movement	No performance assessed	ETA 21/0694, Clause 3.4
Adhesion	0,008 N/mm <sup>2</sup>	ETAG 026 pt2 B.13.5 ISO 9046:2005
Airborne sound insulation	No performance assessed	ETA 21/0694, Clause 3.5
Impact sound insulation	No performance assessed	ETA 21/0694, Clause 3.5
Thermal properties	0,035 W/mK	EN 12664, EN12667, or EN12939
Water vapour permeability	No performance assessed	ETA 21/0694, Clause 3.6
Durability and serviceability	Z <sub>2</sub>	ETA 21/0694, Clause 3.2

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: Technical Manager

Place of Issue: Huddersfield, England

Date of Issue: 31<sup>st</sup> October 2022

Signature: 