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-23001**

1. Unique identification code of the product-type:

Protecta® Steel Paint FR1

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 Steel Paint FR1 is supplied in 20 litre pails.

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: EAD 350141-00-1106 (Reactive coating for fire protection of structural steel):

3.1 The intended use of system Protecta Steel Paint FR1 is to enhance the fire performance of structural steel in construction as follows, unless otherwise stated in the following country document approval:

- EU use only, ETA 21/1093

3.2 Protecta Steel Paint FR-1 can be applied to structural steel that has been adequately cleaned, blasted and primed with a compatible primer.

Protecta Steel Paint FR-1 cannot be applied directly to metal, galvanized steel or primers that are zinc rich.

3.3 The provisions made in this DoP are based on an assumed working life of the Protecta Steel Paint FR1 of 5 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 Steel Paint FR1 for internal conditions without exposed to UV or moisture is 12 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.

3.4 3.5 Type Z2: intended for use for 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 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 350141-00-1106 (Reactive coating for fire protection of structural steel):

EU use only - ETA 21/1093 issued on 11/01/2022 prepared by ETA-Danmark A/S

9. Declared performance:

Product type: **Steel Paint FR1**	Intended use: **Fire Retardant**	
Essential characteristics	**Performance**	**Harmonised Technical Specification or Test Standard**
Reaction to Fire	ETA 21/1093 Annex B	EN 13501-1
Resistance to Fire	ETA-21/1093 Annex A	EN 13501-2
Air permeability (material property)	N/A	EN 1026
Water permeability	Not water proof	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	N/A	EOTA TR 001:2003
Resistance to impact/movement	N/A	EOTA TR 001:2003
Airborne sound insulation	N/A	EN 10140-2
Impact sound insulation	N/A	EN 10140-3
Thermal properties	N/A	EN 12664, EN12667, EN12939
Water vapour permeability	N/A	EN ISO 12572, EN 12086
Durability and serviceability	Z_2	ISO 8339:2005, ISO 9046:2004, ISO7389

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: 09th February 2023

Signature: