

Declaration of Performance

No.: **PS-13001**

Protecta[®] FR IPT

1. Unique identification code of the product-type:

Protecta FR IPT

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

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

- Sealant for reinstating the fire resistance performance of linear joint seals, between walls and floors, between walls and in rigid floors (see ETA 21/0037)
- Sealant used to form a penetration seal around penetrating services to reinstate the fire resistance performance of wall and floor constructions (see ETA 21/0038)

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:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN15651-1 and EN15651-3, Intertek NB0359 performed initial type testing under system 1 and issued test report no. Mech/W001987. Warrington Fire NB 0833 performed Reaction to fire testing under system 1, classification report WF418397

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 350141-00-1104 Penetration seals.

ETA 21/0037 issued on 1/1/2021 and ETA 21/0038 issued on 1/1/2021 prepared by ETA-Danmark A/S. CoC 2531-CPR-CXO10131 issued on 3/3/2021 prepared by DBI Certification, notified body No. 2531.

9. Declared performance:

EN 15651-1 and EN 15651-3 Sealant for Façade Interior use only including sanitary

Conditioning: Method A (according to ISO 8340)

Substrates: Mortar M2 (without primer) and anodized aluminium

Essential characteristics	Performance	Harmonised technical specification or test Standard
Reaction to fire	B - S1, d0	EN 13501-1
Hygiene, health & the environment - Release of Chemicals	As the manufacture we declare that there is no release of dangerous substances during the installation or use of this product. Zero VOC content. See safety data sheets.	
Resistance to flow	< 1 mm	EN ISO 7390
Loss of volume	≤ 35 %	EN ISO 10563
Tensile elongation at break at 23 °C	270 %	EN ISO 8339
Durability	Pass	
Additional characteristics		
Adhesion /cohesion at maintained extension after immersion in saltwater	Pass	EN ISO 10590
Adhesion /cohesion at maintained extension at -30 °C	Pass	EN ISO 8340
Tensile properties secant modulus at 23 °C	3.79 MPa	EN ISO 8339
Adhesion after exposure to heat, water and artificial light	Pass	EN ISO 11431
Resistance to compression	434 N / 1569 MPa	EN ISO 11432

Sealant for use in fire rated linear joints and penetration seals

Essential Characteristics	Performance	Harmonised technical specification or test Standard
Reaction to fire	B - S1, d0	EN 13501-1
Resistance to fire	ETA 21/0037 & 21/0038 Annex A	EN13501-2
Air permeability	See TDS for performance	EN1026
Water permeability	NPD	EAD 350141-00-1106 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. Zero VOC content.	
Mechanical resistance and stability	NPD	EOTA TR 001
Resistance to impact/movement	NPD	EOTA TR 001
Adhesion	Pass at 60% elongation	EN ISO 9046
Airborne sound insulation	Rw (C;Ctr) = 62 (0;-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 *	X	ISO 8339

* The provisions made in the European Technical Assessment (ETA 21/0037 and 21/0038) are based on an assumed working life of the IPT Sealant of 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the manufacturer, but are to be regarded only as a means for choosing the correct products in relation to the expected economically reasonable working life of the works.

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, 15.03.2021

Place and date of issue



Signature