

Declaration of Performance

No.: **PS-13001**

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 packaging for batch no.

- 2.1 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:

The intended use of Protecta FR IPT is for façade elements for interior use only, sealant for sanitary joints, sealant for reinstating the fire resistance performance of linear joint seals between walls and floors, between walls and in rigid floors, unless otherwise stated in the following country document approvals:

- UK use only, 0843-UKTA-22/0029
- EU use only, ETA 22/0751

Sealant used to form a penetration seal around penetrating services to reinstate the fire resistance performance of wall and floor constructions flexible wall construction, unless otherwise stated in the following country document approvals:

- UK use only, 0843-UKTA-22/0028
- EU use only, ETA 22/0750

rigid wall constructions and rigid floor constructions where they are penetrated by various cables, cable trays, conduits, metallic, composite and plastic pipes with and without insulation.

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 350454-00-1104, penetration seals and EAD 350141-00-1106, linear joint seals.

UK use only - Penetration Seals - UKTA - 0843-UKTA-22/0028 issued on 29/11/2022 prepared by UL
 - Linear Seals - UKTA - 0843-UKTA-22/0029 issued on 29/11/2022 prepared by UL
 - UKCA - 0843-CPR-1224 issued on 29/11/2022 prepared by UL

EU use only - Penetration Seals - ETA 22/0750 issued on 26/04/2023 prepared by UL
 - Linear Seals - ETA 22/0751 issued on 26/04/2023 prepared by UL
 - 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

| Product type: IPT Sealant | Intended use: Sealant for Façade Interior use | |
|--|--|--|
| 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 | < 1mm | 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 | Performance | Harmonised Technical Specification or Test Standard |
|---|------------------|---|
| 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

| Product type: IPT Sealant | Intended use: Sealant for 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 – Penetration Seals | UK - 0843-UKTA-22/0028 - Annex A EU - ETA 22/0750 - Annex A | EN 13501-2 |
| Resistance to Fire – Linear Seals | UK - 0843-UKTA-22/0029 - Annex A EU - ETA 22/0751 - Annex A | EN 13501-2 |
| Air permeability (material property) | See Technical Data Sheet for performance | EN 1026 |
| Water permeability | NPD | EAD 350454-00-1106, 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. See safety data sheets. | |
| Mechanical resistance and stability | NPD | EOTA TR 001 |
| Resistance to impact / movement | NPD | EOTA TR 001 |

