

Declaration of Performance
No.: **PS-14011 (5)**

Protecta FR Collar

1. Unique identification code of the product-type:

Protecta FR Collar

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 350454-00-1104 (penetration seals):

3.1 The intended use of system Protecta FR Collar is to reinstate the fire resistance performance of flexible and rigid wall, and floor constructions where they are penetrated by various services.

3.2 The specific elements of construction that the system Protecta FR Collar may be used to provide a penetration seal in, are as follows:

Flexible walls: The wall must have a minimum thickness of 100mm and comprise 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 100mm (unless otherwise stated in ETA 18/0854) and comprise concrete, aerated concrete or masonry, with a minimum density of 650 kg/m³.

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/m³.

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

3.3 The system Protecta FR Collar may be used to provide a penetration seal with various services (for details see ETA 18/0854 Annex A).

3.4 The provisions made in the European Technical Assessment (18/0854) are based on an assumed working life of the Protecta FR Collar for 10 years, however provided that the conditions laid down in the manufacturer's datasheet and instructions for the packaging/transport/storage/installation/use/repair are met the assumed working life of Protecta FR Collar for internal conditions without exposed 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 Z2: intended for use at internal conditions with humidity classes other than Z1, excluding temperatures below 0°C.

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
United Kingdom
HD1 6SB

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 350454-00-1104 (penetration seals).

ETA 18/0854* issued on 18/04/2019 prepared by UL International (UK) Ltd notified body 0843
EC Certificate of conformity 0843-CPR-204.

*ETA 18/054 supersedes ETA 14/0249

9. Declared performance:

Essential Characteristics	Performance	Harmonised technical specification or test Standard
Reaction to fire	NPD	EN 13501-1
Resistance to fire	See ETA 18/0854 Annex A	EN13501-2
Air permeability	NPD	EN1026
Water permeability	NPD	ETAG 026-2 Annex C
Release of dangerous substances	As the manufacturer declare that Protecta FR Collar is compliant with the requirements of current EU legislation on material safety. See saftey data sheets.	
Mechanical resistance and stability	NPD	EOTA TR 001
Resistance to impact/movement	NPD	EOTA TR 001
Adhesion	NPD	EOTA TR 001
Airborne sound insulation	Rw (C;Ctr) = 58 (0;-3) 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	Z2	ISO 8339

*single side collar with 160mm x 3.2 w/t PVC pipe

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:

 Neil Heffernan, Certification Manager
 (name and function)



 London, 01.07.2019
 Place and date of issue

 Signature