

Declaration of Performance

No.: **PS-23002**

1. Unique identification code of the product-type:

Protecta® FR Board Partitions

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 FR Board is supplied in 600mm x 1200mm boards. The Protecta FR Board is supplied in a multitude of board thicknesses and is coated on one face, referenced 1-S, or on both faces, referenced 2-S.
- 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 210005-00-0505, March 2019 (Internal Partition Kits For Use As Non-Loadbearing Walls).

- 3.1 The intended use of Protecta FR Board is as non-load bearing fire resisting partitions, to provide compartmentation, mainly for residential buildings, offices and public buildings.
- 3.2 The specific elements of construction that the system Protecta FR Board may be used to provide internal partitions as non-loadbearing walls are as follows, unless otherwise stated in the following country document approvals:
- UK and EU use, ETA 23/0496 see Annex A

Timber walls: The wall must have a minimum thickness of 95mm and comprise of timber studs grade C16 or higher with a minimum 95mm x 45mm ¹⁾.

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 12.5mm thick boards ¹⁾.

Flexible walls: The wall must have a minimum thickness of 87mm and comprise of timber studs grade C16 or higher with a minimum 63mm x 38mm lined on both faces with minimum 1 layer of 12mm thick boards ¹⁾.

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

¹⁾ Minimum wall thickness is dependent on approvals specified in the ETA, Annex A.

- 3.3 The Protecta FR Board partitions may be used to provide fire resisting, non-loadbearing partition walls at dimensions of up to 4m high and of unrestricted length. The partition shall be fixed to surrounding constructions as described in Annex A. For details refer to the document approval:
- UK and EU use, ETA 23/0496

- 3.4 The provisions made in this European Technical Assessment are based on an assumed working life of the Protecta FR Board partition of 25 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 or the Technical Assessment Body 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 Intended for uses in internal conditions with a mean air temperature in the range from 5 °C to 35 °C with a minimum of 0 °C and a maximum of 50 °C, and a mean daily air relative humidity in the range from 20 %RH to 75 %RH. Maximum air relative humidity only exceeding 85 %RH for short periods of time.

The primary Protecta FR Board is assessed in ETA 22-0733 for environmental category Y1: intended for use at temperatures below 0°C with exposure to UV and moisture but no exposure to rain. Includes lower classes Y2, Z1, Z2. The Protecta Interior Paint FR-1 is assessed in ETA-21/0044 for environmental category Z2: intended for uses in 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 has been issued:

This Declaration of Performance has been prepared in accordance with the guidelines set out within EAD 210005-00-0505, Internal Partition Kits For Use As Non-Loadbearing Walls.

UK and EU use - ETA 23/0496 prepared by ETA Danmark
- CoC 2531-CPR-CXO10130 prepared by DBI Certification, notified body No. 2531

9. Declared performance:

Product type: FR Board	Intended use: Internal Partition	
Essential characteristics	Performance	Test Standard
Reaction to Fire	D - s1, d0 ¹⁾ A2 ²⁾ B - s1, d0 ³⁾ - Section 3	EN 13501-1
Resistance to Fire	EU - ETA 23/0496 - Annex A	EN 13501-2
Air permeability (material property)	EU - ETA 22/0733, ⁴⁾ - ETA 22/0771 - Annex B	EN 1026
Release of dangerous substances	Complies to multiple protocols, see Technical Datasheet	EN 16516
Mechanical Resistance and stability	NPD	EOTA TR 001:2003
Resistance to impact/movement	NPD	EOTA TR 001:2003
Adhesion	NPD	EOTA TR 001:2003
Airborne sound insulation	EU - ETA 23/0496 - Annex A	EN 10140-1,2,4,5 EN ISO 717-1
Impact sound insulation	NPD	EN 10140-3
Thermal properties	NPD	EN 12664, EN12667, EN12939
Water vapour permeability	NPD	EN ISO 12572, EN 12086

¹⁾ Where FR Board is exposed in Annex A

²⁾ Where plasterboards are exposed in Annex A

³⁾ Where Protecta FR-1 coated wood based particle boards are exposed in Annex A

⁴⁾ Based on primary Protecta FR Board

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: 16th October 2023

Signature: 