

Short Form Classification Report No. 20783B

PRODUCT

Bailey Atlantic TPO 1.5mm Un-Backed

SPONSOR

BAILEY TOTAL BUILDING ENVELOPE

PRODUCT DETAILS

- Thickness: 1,5 mm
- Color: White/Light grey
- Surface weight: 1780 g/m²
- Glass fleece, 48 g/m²
- Use of fire retardants: Yes
- PIR 60-160mm
- Glued or mechanically fixed
- KÖSTER vapour barrier FR
- Wood particle board

FIELD OF APPLICATION

- Range of pitches: $\leq 10^\circ$
For a fully detailed field of application see annex A.

CLASSIFICATION

B_{ROOF} (t4)

STANDARDS

Test standard: CENT/TS 1187:2012

Classification standard: EN 13501-1:2007+A1:2009

SIGNED

APPROVED

For and on behalf of WFRGENT nv

This short form classification report has been drafted according to EGOLF agreement EGA 08rev2:2013 "Application note: clause 5.10 [5.10/1] – Types of test reports used in fire testing". Whilst the test data and classification provided within this short form report was obtained in a test conducted fully in accordance with the standards CENT/TS 1187:2012, EN 13501-1:2007+A1:2009 the presentation of the results in this short form report may not satisfy the requirements of those standards and EN ISO/IEC 17025:2005/AC:2006. The presentation of the results in this manner is made by agreement with the sponsor and use of the information herein for product assessment, approval or certification purposes will be restricted.

The full classification report No. **20783A** is available at **BAILEY TOTAL BUILDING ENVELOPE**.

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Annex A

- Layer 0: Top layer: Polyolefin based waterproofing membrane with centrally embedded glass fiber mesh, self-adhered fleece laminated on the bottom.

Product(s):	Bailey Atlantic TPO 1.5mm Un-Backed
Thickness:	1,5 mm
Surface weight:	1780 g/m ²
Reinforcement:	Glass fleece 48 g/m ²
Fixation:	Self-adhesive
Flame retardant	Yes

- Layer 1: PIR Insulation

Thickness:	60-160 mm
Fixation:	Mechanically or Glued (stripes)
Facing/backing:	mineral glass fleece 330-410 g/m ² or more
Reaction to fire according to EN13501-1:	E or better

- Layer 2 (optional): Glue

Type of product	PUR glue
Surface weight	200 g/m ² or lower
Flame retardant	No
Application	Partially glued

- Layer 3: Vapour barrier:

Range of vapour barrier	Valid for fabric reinforced aluminium vapour barrier (according to EN13956:2006)
Reaction to fire according to EN13501-1:	E or better

- Layer 4: Support:

Range of supporting deck:	-Wood particle board with joints < 0,5mm -Wood particle board with joints < 5,0+0,5mm -Fibre cement board -Calcium silicate board
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