

Short Form Classification Report No. 20783F

PRODUCT

Bailey Atlantic TPO 2mm Fleece-Backed

SPONSOR

BAILEY TOTAL BUILDING ENVELOPE

PRODUCT DETAILS

- Thickness: 2,0 mm
- Colour: White/Light grey
- Surface weight: 2215 g/m²
- Glass fleece, 48 g/m²
- Use of fire retardants: Yes
- Kingspan TR27 insulation
- KÖSTER vapor barrier FR
- 16mm wood particle board

FIELD OF APPLICATION

- Range of pitches: $\leq 10^\circ$
Detailed extended 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. **20783E** is available at **BAILEY TOTAL BUILDING ENVELOPE**.

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Annex A: detailed extended application:

- Layer 0: Top layer: Polyolefin based waterproofing membrane with central glass fleece insert and an additional polyester fleece backing.

Product(s):	Bailey Atlantic TPO 2mm Un-Backed & Bailey Atlantic TPO 2mm Fleece-Backed
Thickness:	2,0 mm
Surface weight:	
	<i>Köster TPO 2.0</i> 1930 g/m ²
	<i>Köster TPO F 2.0</i> 2215 g/m ²
Reinforcement:	
	<i>Köster TPO 2.0</i> Glass fleece of 48 g/m ²
	<i>Köster TPO F 2.0</i> Glass fleece of 48 g/m ²
Fixation:	Glued in stripes Mechanically
Reaction to fire according to EN13501-1:	E or better

- Layer 1: Insulation

Product(s):	PIR-insulation
Thickness:	60 to 160 mm
Fixation:	Mechanically or Glued (stripes)
Backing/facing	Facing: glass fleece 330-410 g/m ²
Reaction to fire according to EN13501-1:	E or better

- Layer 2: Glue

Product(s):	PUR Glue
Surface weight of glue:	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 EN 13956:2006)
Reaction to fire according to EN13501-1:	E or better

- Layer 4: Support:

Range of supporting deck:	-16mm wood particle board with joints or thicker -8mm fibre cement board or thicker
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