

SuperFOIL

Insulation

EN 13859-1:2014 Declaration of Performance

Identification : 001-BD-CPR-01-06-20
Version no: 4, 5 June 2023



Version 3 - 2021
Version 4 - 2023

1. Product Type:

Unique identification code of the product type:

SuperFOIL SF40BB Breathable Multi Foil Insulation

2. Type:

Type batch or serial number or any other element allowing identification of the construction product as required under article 11(4):

Batch No. on foil

3. Intended Use:

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Thermal Radiant Breather Membrane for Buildings

4. Name, registered trade name:

Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**SuperFOIL
Boulder Developments Ltd
Boulder Business Park
Pioneer Way
Lincoln
LN6 0QR
United Kingdom**

5. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not Applicable (see 4)

6. AVCP:

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, annex V:

System 3

7. Notified body (hEN):

In case of declaration of performance (DoP) concerning a construction product covered by a harmonised standard:

hEN13984

Notified Body	Reg No.	Test	Date of Issue
BDA	1640	Reaction to Fire	28/04/2022
BDA	1640	Water Penetration	28/04/2022

Performed type testing under system 3 and issued test reports

8. Notified body (ETA):

In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable (see 7)

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9. Declared Performance

Essential Characteristics	Performance	Standard	Testing Body
Reaction to Fire	Class F	EN 13501-1	BDA
Resistance to Water Penetration	W1	EN 1928:2000	BDA

10. Additional Information

Essential Characteristics	Performance	Standard	Testing Body
Thermal Resistance - Core	R 2.90		BBA
Thermal Resistance - Roof (2 Air Gaps)	R 3.67	ISO 8301 : 1991 BS EN 12667 : 2001	BBA
Thermal Resistance - Wall (2 Air Gaps)	R 3.98		BBA
Emittance	0.19/0.03	NEN EN 16012 : 2015	BBA
Thickness	75	mm	
Tensile Properties - Length *	238 / 227 N/50mm	EN 12311-2	BTTG
Tensile Properties - Width *	111 / 100 N/50mm	EN 12311-2	BTTG
Elongation - Length *	61 / 57%	EN 12311-2	BTTG
Elongation - Width *	92 / 87%	EN 12311-2	BTTG
Resistance to Tearing - Length	179N	EN 12310-1	BTTG
Resistance to Tearing - Width	179N	EN 12310-1	BTTG
Water Vapour Resistance	0.115	EN ISO 12572 "C"	BTTG
Flexibility at low temp - (pliability)	-40 °c	EN 1109	BTTG
Water Vapour Transmission (Sd)	0.023	EN ISO 12572 "C2"	BTTG

11. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9 & 10. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Craig Bown, Director of Boulder Developments Ltd
05-06-2023