



Declaration of Performance

Bauder Thermotech Foil Insulation

DoP No. 1000.1001.UKDoP.TR26.005

1.	Unique identification code of the product-type	Bauder Thermotech Foil
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	See product label and marking on boards
3.	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Thermal insulation for buildings
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	Bauder Limited 70 Landseer Road Ipswich IP3 0DH
5.	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	Not relevant
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	System 3
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard	EN 13165:2012 Notified testing laboratory FIW München (No. 0751) and Exova (No. 1104) performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product under system 3
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	Not relevant

9. Declared performance

Essential characteristics		Performance																														
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	<table border="0"> <tr><td>d_N 25mm</td><td>1.10</td></tr> <tr><td>d_N 30mm</td><td>1.35</td></tr> <tr><td>d_N 40mm</td><td>1.80</td></tr> <tr><td>d_N 50mm</td><td>2.25</td></tr> <tr><td>d_N 60mm</td><td>2.70</td></tr> <tr><td>d_N 70mm</td><td>3.15</td></tr> <tr><td>d_N 80mm</td><td>3.60</td></tr> <tr><td>d_N 90mm</td><td>4.05</td></tr> <tr><td>d_N 100mm</td><td>4.50</td></tr> <tr><td>d_N 110mm</td><td>5.00</td></tr> <tr><td>d_N 120mm</td><td>5.45</td></tr> <tr><td>d_N 130mm</td><td>5.90</td></tr> <tr><td>d_N 140mm</td><td>6.35</td></tr> <tr><td>d_N 150mm</td><td>6.80</td></tr> <tr><td>d_N 160mm</td><td>7.25</td></tr> </table>	d_N 25mm	1.10	d_N 30mm	1.35	d_N 40mm	1.80	d_N 50mm	2.25	d_N 60mm	2.70	d_N 70mm	3.15	d_N 80mm	3.60	d_N 90mm	4.05	d_N 100mm	4.50	d_N 110mm	5.00	d_N 120mm	5.45	d_N 130mm	5.90	d_N 140mm	6.35	d_N 150mm	6.80	d_N 160mm	7.25
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Thermal conductivity λ_D (W/(m.K))	λ_D 0.022																															
Thickness tolerance	T2																															
Reaction to fire	Reaction to fire	F																														
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of the reaction to fire of the product as placed on the market	NPD																														
	Durability of thermal resistance and thermal conductivity against ageing/ degradation	NPD																														
Durability of Thermal Resistance against heat, weathering, ageing / degradation	Thermal resistance R_D ((m ² .K)/W)	Thermal resistance as table above																														
	Thermal conductivity λ_D (W/(m.K))	0.022																														
	Durability characteristics	NPD																														
	Dimensional stability under specified temperature and humidity condition	DS(70,90)3 DS(-20,-)1																														
	Deformation under specified compressive load and temperature conditions	NPD																														
Determination of the aged values of thermal resistance and thermal conductivity	λ_D 0,022 W/m-K																															

Compressive strength	Compressive stress or compressive strength	CS(10Y)150
Tensile / Flexural strength	Tensile strength perpendicular to faces	TR40
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Short term water absorption	NPD
	Long term water absorption	NPD
	Flatness after one sided wetting	NPD
Water vapour permeability	Water vapour transmission	NPD
Acoustic absorption index	Sound absorption	NPD
Continuous Glowing Combustion	Glowing Combustion	NPD
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
NPD: No Performance Determined		

EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

On behalf of the manufacturer by:

Richard Clennell
Product Manager - RBM & Insulation

Date of issue:
15th October 2024