



# DECLARATION OF PERFORMANCE

## FLAT ROOF TOTAL FLAT ROOF SOLUTIONS

### FR/BGM

#### 1. Product Type

Unique identification code of the product type:

**Thin-R Flat Roof BGM**

#### 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 board

#### 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 Insulation 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):

Unilin Insulation UK Ltd  
Park Road, Holmewood  
Chesterfield, Derbyshire  
United Kingdom  
S42 5UY

#### 5. Contact Address

Where applicable, name and contact address of the authorised 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 the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:

EN 13165:2012+A2:2016

Notified Body: BBA/Crepim

Notified Body No: 0836/2137

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 (ETA) has been issued:

Not applicable (see 7)

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## 9. Declared Performance

Essential Characteristics	Performance	Test Standard	Harmonised Standard
Thermal Conductivity	$d_N < 80\text{mm}$ : 0.027 $80\text{mm} \leq d_N < 120\text{mm}$ : 0.025 $d_N \geq 120\text{mm}$ : 0.024	EN 12667	EN 13165:2012 +A2:2016
Reaction to Fire	NPD	EN 13501	
Thickness	T2	EN 823	
Length & Width	$< 1000\text{mm}$ : $\pm 5\text{mm}$ $1000$ to $2000\text{mm}$ : $\pm 7,5\text{mm}$ $2001$ to $4000\text{mm}$ : $\pm 10\text{mm}$ $> 4000\text{mm}$ : $\pm 15\text{mm}$	EN 822	
Squareness	$S_b \leq 5\text{mm/m}$	EN 824	
Flatness	Length: $\leq 2,5\text{m}$ Area $\leq 0,75\text{m}^2$ : Deviation $\leq 5\text{mm}$ Area $> 0,75\text{m}^2$ : Deviation $\leq 10\text{mm}$	EN 825	
Dimensional Stability	DS (70,90)4	EN 1604	
Dimensional Stability	DS (-20,-)2	EN 1604	
Compressive Strength	CS (10\Y) 150	EN 826	
Tensile Strength	TR 80	EN 1607	

## 10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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:

Barry Rafferty, Managing Director  
Unilin Insulation UK Ltd.  
01-01-2023

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