

DECLARATION OF CONFORMITY

No:	DoC-R-FRI-KWA-C-200-300-21
1. Unique identification code of the product-type:	Jablite Premium Inverted Roof Insulation Grades EPS 200 Premium & 300 Premium
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) of the CPR:	Inverted Roof 200 Inverted Roof 300
3. Intended use or uses of the construction product, in accordance with the harmonised technical specification, as foreseen by the manufacturer:	Shape moulded, modified beads of EPS insulation for use on inverted roofs
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):	Jablite Ltd Unit A Rudford Industrial Estate Ford Road, Ford, Nr Arundel West Sussex, BN18 0BD
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):	N/A
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:	AVCP System 3
7. In case of the declaration of performance of the construction product covered by a harmonised standard: - harmonised product standard - name and number of notified body	BS EN 13163:2012+A2:2016 British Board of Agrément (0836) BRE (0832) (RtF)
- performed:	Thermal Conductivity Compressive stress at 10% deformation Reaction to Fire
- and issued:	Test report on application

Declared Performance

Essential Characteristic	Performance	Harmonised technical standard
Length and Width	L(2) & W(2)	BS EN 13163:2012+A2:2016
Thickness	T(2)	
Squareness	S(2)	
Flatness	P(5)	
Reaction to Fire	Euroclass E	BS EN 13501-1:2018 TC
Durability of RtF against ageing / degradation	Fire performance of EPS does not deteriorate with time	BS EN 13163:2012+A2:2016
Thermal Conductivity λ_D	0.033W/mK	BS EN 12667:2001
Thermal Resistance	See Table 3 – Thermal Resistance	BS EN 12667:2001
Compressive Strength at 10% deformation	CS(10) 200 CS(10) 300	BS EN 826:2013
Compressive Creep	cc(2/1.5/50) 0.3 σ_{10}	BS EN 1606:2013
Deformation under specified compressive load and temperature	$\leq 5\%$	BS EN 1605:2013
Dimensional stability	DS(70,90)1	BS EN 1604:2013
Long-term water absorption by diffusion	WD(V)3	BS EN ISO 16536:2019
Long-term water absorption by immersion	WL(T)2	BS EN ISO 16535:2019
Thickness	50mm – 240mm in 5mm increments	BS EN 823:2013

Table 3 - Thermal Resistance

Nominal Thickness mm	Thermal Resistance m ² K/W Declared
50	1.50
100	3.00
105	3.15
110	3.30
115	3.45
120	3.60
125	3.75
130	3.90
135	4.05
140	4.20
145	4.35
150	4.50
155	4.65
160	4.80
165	5.00
170	5.15
175	5.30
180	5.45
185	5.60
190	5.75
195	5.90
200	6.05
205	6.20
210	6.35
215	6.50
220	6.65
225	6.80
230	6.95
235	7.10
240	7.25

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

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

On behalf of the manufacturer by:

Place and Date of Issue:



Stephen Broadhurst, Director of Technical Services

Ford, 28th May 2021