



Declaration of Performance

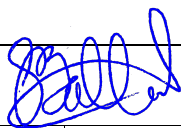
No. UK-C-0022-CPR

1. Unique Identification Code of the Product Type	Sundolitt SE200
2. Product Designation	SE200
3. Intended Use	Load bearing expanded polystyrene for insulating applications
4. Manufacturer Name and Contact Address	Sundolitt Ltd, Suite A2, Stirling Agricultural Centre, Stirling FK9 4RN
5. System of Assessment	AVCP System 4
6. Harmonised Standard covering this DoP	BS EN ISO 13163 – Thermal insulation products for buildings- Factory made expanded polystyrene (EPS) products - Specification
7. Internal Tests Performed	Thermal conductivity Compressive Strength at 10% compression Compressive Strength at 1% compression Reaction to Fire

Declared Performance		
Characteristic	Performance	Test Method
Thermal Conductivity (W/mK)	0.034	EN 12667
Thermal Resistance (m ² K/W)	50mm 1.471 600mm 17.647	EN 12667
Reaction to Fire	Euroclass E	EN 13501-1
Dimensional Stability	DS(N)5	EN 1604
Compressive Strength at 10% compression	CS(10)200	EN 826
Compressive Strength at 1% compression	CS(1)90	EN 826
Compressive Creep (< 2% over 50 yrs)	CC(2.5/2/50)60	EN 13163 Annex F.2
Bending Strength	250	EN 12089
Length and Width	L2 and W2	EN 822
Thickness	T2	EN 823
Squareness	S5	EN 824
Flatness	P5	EN 825
Water Vapour Permeability δ mg/(Pa.h.m)	0.006-0.015	EN 13163 Tabulated Value
Water Vapour Transmission	40-100 μ	EN 13163 Tabulated Value
Water Absorption by Immersion	WL(T) 5	EN 12087

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.

Signed on behalf of the manufacturer :		
Name : Sue Ballard	Position : Technical Manager	Date of Issue: 26/06/23