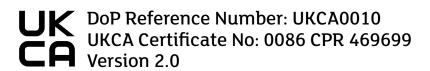
### **Declaration of Performance (DoP)**





- 1. Unique identification code of product type:
  - Superwall 36 Cavity Batt
- 2. Type, batch or serial number or any element allowing identification of the construction product as required under Article 11(4) of the CPR: **See product label**
- 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 (ThIB)**
- 4. Name, registered trade name or registered trademark and contact address of the manufacturer as required under Article 11(5): **Superglass Insulation Limited, Thistle Industrial Estate, Kerse Road, Stirling, Scotland, FK7 7QQ**
- 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 (AVCP) of the construction product as set out in Annex V:
  - System 1 (Reaction to fire)
  - System 3
- 7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified certification body British Standards Institution (BSI), Approved Body Number 0086, performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the UKCA Certificate of Constancy of Performance (0086 CPR 469699) for reaction to fire for all products marked in this document.

## **Declaration of Performance (DoP)**



### 8. Declared Performance:

### Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared Performance	
Product Name			Superwall 36 Cavity Batt	
Thermal Resistance	Thermal resistance	m²K/W	See thermal resistance table	
	Thermal conductivity	W/mK	λ <sub>D</sub> 0.036	
	Thickness range	mm	50-150	
	Thickness tolerance class		T2	
Reaction to fire			A1	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics (a)		A1	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance (b)	m²K/W	See thermal resistance table	
	Thermal conductivity (b)	W/mK	λ <sub>D</sub> 0.036	
	Durability characteristics (c)		NPD	
Community	Compressive stress or compressive strength		NPD	
Compressive strength	Point load		NPD	
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD	
	Short time water absorption		WS	
Water permeability	Long time water absorption		NPD	
Water vapour permeability	Water vapour transition		NPD	
Impact noise transition index (for floors)	Dynamic stiffness		NPD	
	Thickness		NPD	
	Compressibility		NPD	
	Air flow resistivity		NPD	
Acoustic absorption index	Sound absorption		NPD	
Direct airborne sound insulation index	Air flow resistivity		NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances (e)		NPD	
Continuous glowing combustion	Continuous glowing combustion (e)		NPD	

### NPD No Performance Determined.

- (a) No change in Reaction to fire properties for mineral wool products. The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
- (b) Thermal conductivity of mineral wool products does not change with time.
- (c) For dimensional stability thickness only.
- (d) This characteristic also covers handling and installation.
- (e) European test methods are under development.

# **Declaration of Performance (DoP)**



9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

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

THERMAL RESISTANCE TABLE											
Thickness (mm)	50	55	60	65	70	75	80	85	90	95	100
m²K/W	1.35	1.50	1.65	1.80	1.90	2.05	2.20	2.35	2.50	2.60	2.75
Thickness (mm)	105	110	115	120	125	130	135	140	145	150	
m <sup>2</sup> K/W	2.90	3.05	3.15	3.30	3.45	3.60	3.75	3.85	4.00	4.15	

Signed:

David Ashforth Plant Manager

Date: 28th September 2022 Location: Stirling, Scotland

DoP Reference Number: UKCA0010

Version: 2.0