

# Declaration of Performance (DoP)

DoP Reference Number: DOP0033  
Version 2.0

1. Unique identification code of product type:
  - **Superwhite Loft Blowing Wool 45**
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:
  - **AVCP System 1 for Reaction to fire**
  - **AVCP System 3 for other characteristics**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**The CSTB (Notified testing laboratory N°0679) performed the test reports for the other declared characteristics under system 3.**
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
**N/A**

## 9. Declared performance

Essential characteristics	Requirement clauses in European Standard EN 14064-1	Declared Performance
Reaction to Fire, Euroclass characteristics	4.2.4 Reaction to fire	A1
Water permeability	4.3.3 Water absorption	WS
Release of dangerous substances to the indoor environment	4.3.6 Release of dangerous substances	NPD (a)
Thermal resistance	4.2.1 Thermal conductivity 4.2.1 Insulation thickness	0.045 W/mK
Water vapour permeability	4.3.4 Water vapour transmission	NPD (a)
Durability of reaction to fire against ageing / degradation		(b)
Durability of thermal resistance against ageing / degradation	4.2.1 Thermal resistance 4.2.3 Settlement	S1 (c)

- a) NPD = No performance declared.
- b) 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.
- c) Thermal conductivity of mineral wool does not change with time, experience has shown the fibre structure to be stable and the porosity contains atmospheric air.

# Declaration of Performance (DoP)

Declared Thermal Resistance Rd (m²K/W)	Minimum installed thickness to achieve declared thermal resistance (mm)	Minimum installed thickness declared (mm)	Minimum Coverage (kg/m²)	Minimum Bag Usage per 100m²
3.00	135	140	1.70	9.9
3.50	158	160	2.00	11.5
4.00	180	185	2.20	13.1
4.50	203	205	2.50	14.8
5.00	225	230	2.80	16.4
5.50	248	250	3.00	18.1
6.00	270	275	3.30	19.7
6.50	293	300	3.60	21.4
7.00	315	320	3.90	23.0
7.50	338	345	4.10	24.6
8.00	360	365	4.40	26.3
8.50	383	390	4.70	27.9
9.00	405	410	5.00	29.6
9.50	428	435	5.20	31.2
10.00	450	455	5.50	32.9
10.50	473	480	5.80	34.5
11.00	495	500	6.00	36.1
11.50	518	525	6.30	37.8
12.00	540	550	6.60	39.4
12.50	563	570	6.90	41.1
13.00	585	595	7.10	42.7

10. 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 is issued under the sole responsibility of the manufacturer identified in point 4.

Signed:



David Ashforth  
Plant Manager

Date: 1st December 2022

Location: Stirling, Scotland

DoP Reference Number: DOP0033

Version: 2.0