Intelligent Environments
Superglass

Declaration of Performance
(DoP)

DoP Reference Number: CE0015
CE Certificate No: 0751-CPR-399.0-01
Version 2.2

1. Unique identification code of product type:
   - **Acoustic Roll**
   - **Acoustic Roll 10**
   - **Cladding Mat 44**
   - **Contract Mat 44**
   - **Handy Pack 44**
   - **Multi Acoustic Roll**
   - **Multi Contract Mat 44**
   - **Multi-Roll 44**
   - **Superglass Mat 44**

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)**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
   Notified certification body Forschungsinstitut für Wärmeschutz (FIW), Approved Body Number 0751, 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 CE Certificate of Constancy of Performance (0751-CPR-399.0-01) for reaction to fire for all products marked in this document.

Intelligent Environments
Superglass

Declaration of Performance (DoP)

8. Declared Performance:
Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared Performance
Product Name			Acoustic Roll
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	80-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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.

Intelligent Environments Superglass

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8. Declared Performance:
Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared Performance
Product Name			Acoustic Roll 10
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	60-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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.
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Intelligent Environments Superglass

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8. Declared Performance:
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Essential characteristics	Performance	Unit	Declared Performance
Product Name			Cladding Mat 44
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	90-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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.
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Intelligent Environments
Superglass

Declaration of Performance (DoP)

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Essential characteristics	Performance	Unit	Declared Performance
Product Name			Contract Mat 44
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	100-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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.
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Intelligent Environments Superglass

Declaration of Performance (DoP)

8. Declared Performance:
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Essential characteristics	Performance	Unit	Declared Performance
Product Name			Handy Pack 44
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	100-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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.

Intelligent Environments Superglass

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8. Declared Performance:
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Essential characteristics	Performance	Unit	Declared Performance
Product Name			Multi Acoustic Roll
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	60-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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.
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(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.

Intelligent Environments Superglass

Declaration of Performance (DoP)

8. Declared Performance:
Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared Performance
Product Name			Multi Contract Mat 44
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	100-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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

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8. Declared Performance:
Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared Performance
Product Name			Multi-Roll 44
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	100-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
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	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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

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Intelligent Environments
Superglass

Declaration of Performance (DoP)

8. Declared Performance:
Harmonised Technical Standard: EN 13162:2012 + A1:2015

Essential characteristics	Performance	Unit	Declared Performance
Product Name			Superglass Mat 44
Thermal Resistance	Thermal resistance	m^2K/W	See thermal resistance table
	Thermal conductivity	W/mK	λ_D 0.044
	Thickness range	mm	60-200
	Thickness tolerance class		T1
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)	m^2K/W	See thermal resistance table
	Thermal conductivity (b)	W/mK	λ_D 0.044
	Durability characteristics (c)		NPD
Compressive strength	Compressive stress or compressive strength		NPD
	Point load		NPD
Tensile / Flexural strength	Tensile strength to perpendicular faces (d)		NPD
Water permeability	Short time water absorption		NPD
	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.
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Superglass

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)	**60**	**65**	**70**	**75**	**80**	**85**	**90**	**95**	**100**	**105**	**110**
m^2K/W	1.35	1.45	1.55	1.70	1.80	1.90	2.00	2.15	2.25	2.35	2.50
Thickness (mm)	**115**	**120**	**125**	**130**	**135**	**140**	**145**	**150**	**155**	**160**	**165**
m^2K/W	2.60	2.70	2.80	2.95	3.05	3.15	3.25	3.40	3.50	3.60	3.75
Thickness (mm)	**170**	**175**	**180**	**185**	**190**	**195**	**200**				
m^2K/W	3.85	3.95	4.05	4.20	4.30	4.40	4.50				

Signed:

David Ashforth
Plant Manager

Date: 16th July 2024
Location: Stirling, Scotland
DoP Reference Number: CE0015
Version: 2.2

Superglass Insulation Ltd | Thistle Industrial Estate | Kerse Road | Stirling | FK7 7QQ | UK

DOPCE15
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