

Declaration of Performance

Certificate No. 0005-CPR-130701

1. Unique identification of the product-type:

Cladding Roll 37 Cladding Roll 40
See table hereunder...

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)

See table hereunder...

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.
Factory made glass mineral wool thermal products.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

Saint-Gobain Isover, Whitehouse Industrial Estate, Runcorn, Cheshire, WA7 3DP, UK

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 (AVCP) of Performance of the construction product as set out in Annex V:

System 1 (Reaction to fire)
System 3 (all other declared properties)

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Warrington Certification Ltd (1121)
performed initial and continuous surveillance of the place of manufacture and the factory production control implemented, sampled product and witnessed initial type testing under

System 1 and System 3

and issued

the Certificate of Constancy of Performance (1121-CPD-BA0053)
and Certificate of Conformity of the Factory Production Control

8. Declared performance table: According to EN 13162:2012

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance			
Product Name				Cladding Roll 37	Cladding Roll 37	Cladding Roll 37	Cladding Roll 37
Product Code				5200625392	5200625394	5200625396	5200623998
Reaction to fire	Reaction to fire	RtF	Euroclass	A1	A1	A1	A1
Release of dangerous substances	Release of dangerous substances			NPD			
Acoustic absorption index	Sound absorption			NPD			
Impact noise transmission index	Dynamic stiffness			NPD			
	Thickness	d_i		NPD			
	Compressibility	c		NPD			
	Air flow resistivity	AF_r		NPD			
Direct airbourne sound insulation index	Air flow resistivity	AF_r		NPD			
Continuous glowing combustion	Continuous glowing combustion			NPD			
Thermal resistance	Thermal resistance	R_D	$m^2 K/W$	2.70	3.20	4.85	5.40
	Thermal conductivity	λ_D	$W/m K$	0.037	0.037	0.037	0.037
	Thickness	d_N	mm	100	120	180	200
	Thickness class	Ti		T1	T1	T1	T1
Water permeability	Short term water absorption	W_p	kg/m^2	NPD			
	Long term water absorption	W_{ip}		NPD			
Water vapour permeability	Water vapour transmission	t or Z		NPD			
Compressive strength	Compressive stress or compressive strength	CS		NPD			
	Point load	F_p		NPD			
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics (a) (b)			NPD			
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (c)	R_D	$m^2 K/W$	2.70	3.20	4.85	5.40
	Thermal conductivity (c)	λ_D	$W/m K$	0.037	0.037	0.037	0.037
	Durability characteristics (d)	d		NPD			
Tensile/fluxural strength	Tensile strength perpendicular to faces (e)	TR		NPD			
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		NPD			

- (a) No change in reaction to fire properties for mineral wool products.
- (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 products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.
- (d) For dimensional stability thickness only.
- (e) This characteristic also covers handling and installation.

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance						
				Cladding Roll 40	Cladding Roll 40	Cladding Roll 40	Cladding Roll 40	Cladding Roll 40	Cladding Roll 40	Cladding Roll 40
Product Name										
Product Code				5200625408	5200625400	5200625402	5200625410	5200625412	5200625404	5200625406
Reaction to fire	Reaction to fire	RtF	Euroclass	A1	A1	A1	A1	A1	A1	A1
Release of dangerous substances	Release of dangerous substances			NPD						
Acoustic absorption index	Sound absorption			NPD						
Impact noise transmission index	Dynamic stiffness			NPD						
	Thickness	d_l		NPD						
	Compressibility	c		NPD						
	Air flow resistivity	AF_r		NPD						
Direct airborne sound insulation index	Air flow resistivity	AF_r		NPD						
Continuous glowing combustion	Continuous glowing combustion			NPD						
Thermal resistance	Thermal resistance	R_D	$m^2 K/W$	2.00	2.50	3.00	3.50	4.00	4.50	5.00
	Thermal conductivity	λ_D	$W/m K$	0.040	0.040	0.040	0.040	0.040	0.040	0.040
	Thickness	d_N	mm	80	100	120	140	160	180	200
	Thickness class	T_i		T1	T1	T1	T1	T1	T1	T1
Water permeability	Short term water absorption	W_p	kg/m^2	NPD						
	Long term water absorption	W_{ip}		NPD						
Water vapour permeability	Water vapour transmission	t or Z		NPD						
Compressive strength	Compressive stress or compressive strength	CS		NPD						
	Point load	F_p		NPD						
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics (a) (b)			NPD						
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (c)	R_D	$m^2 K/W$	2.00	2.50	3.00	3.50	4.00	4.50	5.00
	Thermal conductivity (c)	λ_D	$W/m K$	0.040	0.040	0.040	0.040	0.040	0.040	0.040
	Durability characteristics (d)	d		NPD						
Tensile/fluxural strength	Tensile strength perpendicular to faces (e)	TR		NPD						
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		NPD						

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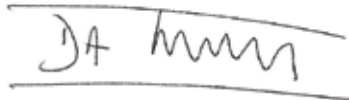
Your environment. It's the nature of our business.

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with the product complies

N/A

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.

Signed for and on behalf of the manufacturer by:



**David Travill
Managing Director**

1st July 2013 *(Place and date of issue)*