

# Declaration of Performance

Certificate No. 0010-CPR-130701

1. Unique identification of the product-type:

**Timber Frame Roll 35 & 40      Timber Frame Batt 32, 35, 40 & 43**  
*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					
				Timber Frame Roll 35	Timber Frame Roll 35	Timber Frame Roll 40	Timber Frame Roll 40	Timber Frame Batt 32	Timber Frame Batt 32
Product Name				5200625573	5200625583	5200625582	5200625572	5200625331	5200625329
Product Code									
Reaction to fire	Reaction to fire	RtF	Euroclass	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	$R_D$	$m^2 K/W$	2.55	4.00	2.25	3.50	1.55	2.80
	Thermal conductivity	$\lambda_D$	$W/m K$	0.035	0.035	0.040	0.040	0.032	0.032
	Thickness	$d_N$	mm	90	140	90	140	50	90
	Thickness class	$T_i$		T1	T1	T1	T1	T4	T4
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)	$R_D$	$m^2 K/W$	2.55	4.00	2.25	3.50	1.55	2.80
	Thermal conductivity (c)	$\lambda_D$	$W/m K$	0.035	0.035	0.040	0.040	0.032	0.032
	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.



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

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance							
				Timber Frame Batt 35	Timber Frame Batt 35	Timber Frame Batt 35	Timber Frame Batt 35	Timber Frame Batt 40	Timber Frame Batt 40	Timber Frame Batt 43	Timber Frame Batt 43
Product Name				5200625414	5200625335	5200625388	5200625333	5200625341	5200625345	5200625339	5200625337
Reaction to fire	Reaction to fire	RtF	Euroclass	A1	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							
Direct airborne sound insulation index	Air flow resistivity	$AF_r$		NPD							
	Air flow resistivity	$AF_r$		NPD							
Continuous glowing combustion	Continuous glowing combustion			NPD							
Thermal resistance	Thermal resistance	$R_D$	$m^2 K/W$	2.55	2.85	4.00	4.25	2.25	3.50	2.05	3.25
	Thermal conductivity	$\lambda_D$	$W/m K$	0.035	0.035	0.035	0.035	0.040	0.040	0.043	0.043
	Thickness	$d_N$	mm	90	100	140	150	90	140	90	140
	Thickness class	$T_i$		T4	T4	T4	T4	T3	T3	T3	T3
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)	$R_D$	$m^2 K/W$	2.55	2.85	4.00	4.25	2.25	3.50	2.05	3.25
	Thermal conductivity (c)	$\lambda_D$	$W/m K$	0.035	0.035	0.035	0.035	0.040	0.040	0.043	0.043
	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							

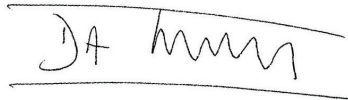
- (a) No change in reaction to fire properties for mineral wool products.
- (b) The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
- (c) Thermal conductivity of mineral wool 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.

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)*