


# ISOVER

## **SPACESAVER**

### **PLUS / READY-CUT / LITE**

Declaration of Performance

Document No. IEINS104

 Certificate No. 0004-CPR-21v1  
EN ISO 13162

**1** Unique identification code of the product-type :

Spacesaver  
Spacesaver Plus  
Spacesaver Ready-Cut  
Spacesaver Lite  
See table here under...

**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 trade mark and contact address of the manufacturer as required pursuant to Article 11(5) :

**Saint-Gobain Construction Products (IRL) Ltd.**  
Registered in Ireland, Company No. 11815  
Unit 4 Kilcarbery Business park, Nangor Road,  
Dublin 22; D22 R2Y7, Tel: +353 (0) 1 629 8400

**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 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 :

Notified certification body Element Materials Technology Rotterdam B.V. No. 2812 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 certificate of constancy of performance (2812-CPR-BA0053) for Reaction to fire.

**8** Declared performance table: According to EN13162: 2012+A1:2015

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance						
				Spacesaver	Spacesaver	Spacesaver	Spacesaver	Spacesaver Plus	Spacesaver Plus	Spacesaver Plus
Product Name				Spacesaver	Spacesaver	Spacesaver	Spacesaver	Spacesaver Plus	Spacesaver Plus	Spacesaver Plus
Product Code				5200623966	5200625347	5200625349	5200623967	5200625357	5200625359	5200625361
Reaction to fire	Reaction to fire	RtF	Euroclass	A1						
Release of dangerous substances to the indoor environment	Release of dangerous substances (e)			NPD						
Acoustic absorption index	Sound absorption			NPD						
Impact noise transmission index	Dynamic stiffness			NPD						
	Thickness	d <sub>L</sub>		NPD						
	Compressibility	c		NPD						
	Air flow resistivity	AF <sub>r</sub>		NPD						
Direct airbourne sound insulation index	Air flow resistivity	AF <sub>r</sub>		NPD						
Continuous glowing combustion	Continuous glowing combustion (e)			NPD						
Thermal resistance	Thermal resistance	R <sub>D</sub>	m <sup>2</sup> K/W	2.25	3.40	3.85	4.50	2.50	3.75	5.00
	Thermal conductivity	λ <sub>D</sub>	W/m K	0.044	0.044	0.044	0.044	0.040	0.040	0.040
	Thickness	d <sub>N</sub>	mm	100	150	170	200	100	150	200
	Thickness class	T <sub>i</sub>		T1	T1	T1	T1	T1	T1	T1
Water permeability	Short term water absorption	W <sub>p</sub>	kg/m <sup>2</sup>	NPD						
	Long term water absorption	W <sub>lp</sub>		NPD						
Water vapour permeability	Water vapour transmission	t or Z		NPD						
Compressive strength	Compressive stress or compressive strength	CS		NPD						
	Point load	F <sub>p</sub>		NPD						
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics (a)		Euroclass	A1						
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (b)	R <sub>D</sub>	m <sup>2</sup> K/W	2.25	3.40	3.85	4.50	2.50	3.75	5.00
	Thermal conductivity (b)	λ <sub>D</sub>	W/m K	0.044	0.044	0.044	0.044	0.040	0.040	0.040
	Durability characteristics (c)	c		NPD						
Tensile/ fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD						
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		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.

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**8** Declared performance table: According to EN13162: 2012+A1:2015

Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance					
				Spacesaver Ready-Cut (3x386)	Spacesaver Ready-Cut (2x580)	Spacesaver Ready-Cut (3x386)	Spacesaver Ready-Cut (2x580)	Spacesaver Ready-Cut (3x386)	Spacesaver Ready-Cut (2x580)
Product Name									
Product Code				5200625586	5200625587	5200625589	5200625588	5200625590	5200625591
Reaction to fire	Reaction to fire	RtF	Euroclass	A1					
Release of dangerous substances	Release of dangerous substances (e)			NPD					
Acoustic absorption index	Sound absorption			NPD					
Impact noise transmission index	Dynamic stiffness			NPD					
	Thickness	d <sub>L</sub>		NPD					
	Compressibility	c		NPD					
	Air flow resistivity	AF <sub>r</sub>		NPD					
Direct airbourne sound insulation index	Air flow resistivity	AF <sub>r</sub>		NPD					
Continuous glowing combustion	Continuous glowing combustion (e)			NPD					
Thermal resistance	Thermal resistance	R <sub>D</sub>	m <sup>2</sup> K/W	2.25	3.40	4.50	2.25	3.40	4.50
	Thermal conductivity	λ <sub>D</sub>	W/m K	0.044	0.044	0.044	0.044	0.044	0.044
	Thickness	d <sub>N</sub>	mm	100	150	200	100	150	200
	Thickness class	T <sub>i</sub>		T1	T1	T1	T1	T1	T1
Water permeability	Short term water absorption	W <sub>p</sub>	kg/m <sup>2</sup>	NPD					
	Long term water absorption	W <sub>ip</sub>		NPD					
Water vapour permeability	Water vapour transmission	t or Z		NPD					
Compressive strength	Compressive stress or compressive strength	CS		NPD					
	Point load	F <sub>p</sub>		NPD					
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics (a)		Euroclass	A1					
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (b)	R <sub>D</sub>	m <sup>2</sup> K/W	2.25	3.40	4.50	2.25	3.40	4.50
	Thermal conductivity (b)	λ <sub>D</sub>	W/m K	0.044	0.044	0.044	0.044	0.044	0.044
	Durability characteristics (c)	c		NPD					
Tensile/fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD					
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		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.



## 8 Declared performance table: According to EN13162: 2012+A1:2015


Essential Characteristics	Performance	Abbrev.	Unit	Declared Performance			
Product Name				Spacesaver Lite	Spacesaver Lite	Spacesaver Lite	Spacesaver Lite
Product Code				5200771402	5200771435		5200771442
Reaction to fire	Reaction to fire	RtF	Euroclass	A1	A1	A1	A1
Release of dangerous substances	Release of dangerous substances (e)			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 airbourne sound insulation index	Air flow resistivity	$AF_r$		NPD			
Continuous glowing combustion	Continuous glowing combustion (e)			NPD			
Thermal resistance	Thermal resistance	$R_D$	$m^2 K/W$	2.25	3.40	3.85	4.50
	Thermal conductivity	$\lambda_D$	$W/m K$	0.044	0.044	0.044	0.044
	Thickness	$d_N$	mm	100	150	170	200
	Thickness class	$T_i$		T1	T1	T1	T1
Water permeability	Short term water absorption	$W_p$	$kg/m^2$	NPD			
	Long term water absorption	$W_{lp}$		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)		Euroclass	A1			
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance (b)	$R_D$	$m^2 K/W$	2.25	3.40	3.85	4.50
	Thermal conductivity (b)	$\lambda_D$	$W/m K$	0.044	0.044	0.044	0.044
	Durability characteristics (c)	c		NPD			
Tensile/fluxural strength	Tensile strength perpendicular to faces (d)	TR		NPD			
Durability of compressive strength against heat, weathering, ageing/ degradation	Compressive Creep	Xct, Xt		NPD			

**NPD** No Performance Determined

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- (c) For dimensional stability thickness only.
- (d) This characteristic also covers handling and installation.
- (e) European test methods are under development.

**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:



Padraig Barry,  
Managing Director,  
**Saint-Gobain Construction Products (Irl) Limited**

October 2021

## CONTACT DETAILS FOR FURTHER INFORMATION:

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