

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

## Thermal insulation products for building equipment and industrial installations – Factory made mineral wool (MW) products

for use as thermal insulation of building equipment and industrial installations subject to regulations on reaction to fire, with specifications and performances as specified on page 2-4 in this certificate.

### Product name: G15, G22, G27, G35, G44, G60, G100, S100 and ISOVER Pipe Sections

placed on the market under the name or trademark of

#### Saint-Gobain Sweden AB, ISOVER

SE-267 82 Billesholm, Sweden

and produced in the manufacturing plant

Saint-Gobain Sweden AB, ISOVER, Storgatan 29, SE-267 82 Billesholm, Sweden

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

#### EN 14303:2009+A1:2013

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

#### constancy of performance of the construction product.

This certificate was first issued on 2010-10-22 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402

The validity of this certificate can be verified on our website.

Martin Tillander  
Product Certification Manager

Magnus Sturesson  
Project Manager

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## Specifications

Thermal insulation products made of mineral (glass) wool with or without facing.

Types of facings: U (unfaced), S (glass tissue), G (glass fabric), AL (reinforced aluminium foil)

Product type	Product name	Density [kg/m <sup>3</sup> ]	Designation code*
G15	G15-U, G16-U, G18-U G20-U, G20-S, Teknisk Isolerematta	15-21	MW-EN 14303-T2-ST(+)150 MW-EN 14303-T3-ST(+)150
G22	G22-U, G23-U, G25-U, Teknisk Isolerematta 6324 TECH Slab 2.0	22-26	MW-EN 14303-T3-ST(+)175 MW-EN 14303-T3-ST(+)175-WS1
G27	G27-U, G30-U Cleantec® G27-AL, G27-G, G30-AL	27-34	MW-EN 14303-T3-ST(+)200 MW-EN 14303-T4-ST(+)100
G35	Ljuddämparmatta G35-U G35-U, G40-U ISOVER VVS-skiva 35, G35-S G35-G, ISOVER Cleantec G35, Cleantec® G35-AL, ISOVER Cleantec Plus, Lindtec G35-L	35-43	MW-EN 14303-T2-ST(+)300 MW-EN 14303-T3-ST(+)300 MW-EN 14303-T4-ST(+)200 MW-EN 14303-T4-ST(+)100
G44	G44-U, G44-S, G45-S, G46-S, G48-AL, G55-U, G58-U	44-59	MW-EN 14303-T3-ST(+)350
G60	Ventilationsskiva, Teknisk Isolerskiva 6377, G60-U, G60-S, G65-S	60-99	MW-EN 14303-T3-ST(+)350
G100	G100-U, G115-U, G120-U, G120-S, G125-U, G125-S ISOVER ROBUST Takboard	≥ 100	MW-EN 14303-T3-ST(+)400 MW-EN 14303-T4-ST(+)150- CS(10)30-WS1
S100	ISOVER Cleantec G100	≥ 100	MW-EN 14303-T4-ST(+)100
Isover Pipe Sections	CLIMPIPE Section Alu2, Outside diameter < 150 mm CLIMPIPE Section Alu2 Outside diameter ≥ 150 mm ISOVER AluComfort® 7200, TECH Pipe Section MT 4.2, Outside diameter < 150 mm ISOVER AluComfort® 7200, TECH Pipe Section MT 4.2, Outside diameter ≥ 150 mm CLIMPIPE Section Hygrowick, Outside diameter < 150 mm CLIMPIPE Section Hygrowick, Outside diameter ≥ 150 mm	65-90	MW-EN 14303-T8-ST(+)500-MV2 MW-EN 14303-T9-ST(+)500-MV2 MW-EN 14303-T8-ST(+)500 MW-EN 14303-T9-ST(+)500 MW-EN 14303-T8-ST(+)150 MW-EN 14303-T9-ST(+)150

\*According to manufacturer

## Performances

Product type	Product name	Mean temperature [°C]	Thermal conductivity W/[m·°C]	Reaction to fire classification
G15	G15-U, G16-U, G18-U, G20-U, G20-S, Teknisk Isolerematta	10	0.036	A1
		50	0.045	
		100	0.059	
		150	0.076	
G22	G22-U, G23-U, G25-U, Teknisk Isolerematta 6324, TECH Slab 2.0	10	0.034	A1
		50	0.042	
		100	0.054	
		150	0.068	
		175	0.076	
G27	G27-U, G30-U	10	0.034	A1
		50	0.040	
	Cleantec® G27-AL, G27-G, G30-AL	100	0.050	A2-s1, d0
		150	0.061	
G35	Ljuddämparmatta G35-U, G35-U, G40-U, ISOVER VVS-skiva 35, G35-S	10	0.033	A1
		50	0.038	
		100	0.047	
		150	0.058	
	G35-G, ISOVER Cleantec G35, Cleantec® G35-AL, ISOVER Cleantec Plus, Lindtec G35-L	200	0.071	A2-s1, d0
		250	0.088	
G44	G44-U, G44-S, G45-S, G46-S, G48-AL, G55-U, G58-U	300	0.106	A2-s1, d0
		10	0.033	
		50	0.037	
		100	0.044	
		150	0.053	
		200	0.066	
		250	0.081	
		300	0.099	
G60	Ventilationsskiva, Teknisk Isolerskiva 6377, G60-U, G60-S, G65-S	350	0.120	A2-s1, d0
		10	0.031	
		50	0.035	
		100	0.041	
		150	0.047	
		200	0.057	
		250	0.072	
		300	0.089	
G100	G100-U, G115-U, G120-U, G120-S, G125-U, G125-S, ISOVER ROBUST Takboard	350	0.110	A2-s1, d0
		10	0.033	
		50	0.037	
		100	0.043	
		150	0.049	
		200	0.055	
		250	0.063	
		300	0.072	
		350	0.084	
		400	0.098	

Product type	Product name	Mean temperature [°C]	Thermal conductivity W/[m·°C]	Reaction to fire classification
S100	ISOVER Cleantec G100	10	0.039	A1
		50	0.041	
		100	0.048	
		150	0.055	
		200	0.064	
		250	0.074	
		300	0.085	
		400	0.111	
		500	0.145	
		600	0.190	
		650	0.218	
Isover Pipe Sections	CLIMPIPE Section Alu2, ISOVER AluComfort® 7200, TECH Pipe Section MT 4.2, CLIMPIPE Section Hygrowick	10	0.033	A2L-s1, d0
		50	0.036	
		100	0.043	
		200	0.062	
		300	0.092	
		400	0.130	
500	0.179			