Declaration of Performance

DoP Number	**SE001-32-A1-1**
Unique identification code of the product type; Product name(s)	G-32-A1; Cavity Wall Slab 32, FrameBatt 32
Type, batch or serial number	See product label
Intended use or uses of the construction product	Thermal insulation for buildings (ThIB)
Name, registered trade name and contact address of the manufacturer	Saint-Gobain Sweden AB, ISOVER SE-26782 Billesholm
System or systems of assessment and verification of constancy of performance of the construction product AVCP System 1 for fire reaction AVCP System 3 for other charateristics	System 1 and system 3
Identification number and name of the notified body	0402 - RISE Research Institutes of Sweden

0402 - RISE Research Institutes of Sweden performed the determination of the product type, the initial inspection of the manufacturing plant and of factory production control, the continuous surveillance, assessment and evaluation of factory production control according to system 1 and system 3 and issued the performance constancy certificate 0402-CPD-SC1312-11.

Harmonised standard: EN 13162:2012+A1:2015

Declared performance

Essential characteristics	Performance	Abreviation	Unit	Declared performance
Reaction to fire	Reaction to fire	RtF		Euroclass A1
Realease of Dangerous Substances	Realease of Dangerous Substances			Method not yet available
Acoustic absorption index	Sound absorption			NPD
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m³	NPD
	Thickness	d_L	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF_r	kPa.s/m²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF_r	kPa.s/m²	NPD
Continous glowing combustion	Continous glowing combustion			Method not yet available
Thermal Resistance	Thermal Resistance	R_D	m² K/W	see attached table
	Thermal Conductivity	λ_D	W/m K	0,032
	Thickness	d_N	mm	45-150
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W_p	kg/m²	<1
	Long term water absorption	W_{lp}	kg/m²	NPD
Water vapour permeability	Water vapour diffusion resistance factor	μ	-	1
Compressive strength	Compressive stress or compressive strength	CS(10)	kPa	NPD
	Point Load	F_p	N	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	RtF	Euroclass	a)
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Resistance	R	m² K/W	a)
	Thermal Conductivity	λ	W/m K	a)
	Durability Characteristics	DS(70,90)	mm	NPD
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	a)
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	Xct, Xt	mm	NPD

a) The performance of glass wool does not change with time.

The performance of the product type is in conformity with the declared performance

Name	Daniel Odby
Function	Product manager
Place	Billesholm
Date	2018-10-24
Signature	

Standard Product Range	Thermal Resistance	Acoustic absorption index
Thickness mm	R_D m² K/W	
90	2,80	NPD
125	3,90	NPD
140	4,35	NPD
150	4,65	NPD
0	0,00	
0	0,00	
0	0,00	
0	0,00	
0	0,00	
0	0,00	