

Declaration of Performance



DoP Number

**SE001-33-A2-2
(English)**

Unique identification code of the product type;
Product name(s)

G-33-A2;
Fasadboard 33,
Takboard 33

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

System 1 and system 3

AVCP System 1 for fire reaction
AVCP System 3 for other characteristics

Identification number and name of the notified body

0402 - RISE Research Institutes of Sweden

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 A2 s1,d0
Realease of Dangerous Substances	Realease of Dangerous Substances			Method not yet available
Acoustic absorption index	Sound absorption			see attached table
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m ³	NPD
	Thickness	d _L	mm	NPD
	Compressibility	c	mm	NPD
	Air flow resistivity	AF _r	kPa.s/m ²	NPD
Direct airborne sound insulation index	Air flow resistivity	AF _r	kPa.s/m ²	NPD
Continous glowing combustion	Continous glowing combustion			Method not yet available
Thermal Resistance	Thermal Resistance	R _D	m ² K/W	see attached table
	Thermal Conductivity	λ _D	W/m K	0,033
	Thickness	d _N	mm	15-50
	Thickness Class	T	Class	T4
Water Permeability	Short term Water absorption	W _p	kg/m ²	<1
	Long term water absorption	W _{lp}	kg/m ²	NPD
Water vapour permeability	Water vapour diffusion resistance factor	μ	-	1
Compressive strength	Compressive stress or compressive strength	CS(10)	kPa	30
	Point Load	F _p	N	400
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	m ² 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	NPD
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

Translated

2019-11-28

Signature

Standard Product Range	Thermal Resistance	Acoustic absorption index
Thickness	R _D	
mm	m ² K/W	
15	0,45	0,4
20	0,60	0,5
30	0,90	0,75
50	1,50	0,75