

## Declaration of Performance ISOVER InsulSafe

**Nr. SE001-InsulSafe**

**Unique identification code of the product type; Product name**

ISOVER InsulSafe  
B202 - B205 - B206 - B208 - B207

**Type, batch or serial number**

See label/stamp

**Intended use or uses of the construction product**

Thermal insulation for buildings (ThIB); loose fill insulation of glass wool.

**Name, registered trade name and contact address of the manufacturer**

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**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 characteristics

**Identification number and name of the notified body**

0402 – RISE Technical Research Institute of Sweden  
0615 - Bureau Veritas Certification

**Product certification**

0402 - RISE Technical Research Institute of Sweden has issued the performance constancy certificate no 0402 - CPR – SC1317-11  
0615 - Bureau Veritas has issued the performance constancy certificate no 0615-CPR-95804G

**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 3.

**Harmonized standard**

EN 14064-1:2010

**Declared performance**

See Annex 1.

**Manufacture's signature**

Billesholm 2019.04.01

Birgitta Rydén  
Product Manager

**Manufacture's signature**

Hyvinkää 2019.04.01

Jussi Jokinen  
Development Manager



**Annex 1**

**Performance of ISOVER InsulSafe in accordance with the harmonized European standard SS-EN 14064-1 Thermal insulation products for buildings - In-situ formed loosefill mineral wool (MW) products - Part 1: Specification for the loose-fill products before installation.**

Essential properties	Performance for various construction types				
	Installed density ≥ 15 kg/m <sup>3</sup> Loft inclination ≤ 15°	Installed density ≥ 18 kg/m <sup>3</sup> Loft inclination ≤ 30°	Installed density ≥ 21 kg/m <sup>3</sup> frame constructions inclination ≤ 25°	Installed density ≥ 26 kg/m <sup>3</sup> frame constructions inclination ≤ 45°	Installed density ≥ 30 kg/m <sup>3</sup> frame constructions inclination ≤ 90°
Reaction to fire	Euro class A1				
Short term Water absorption	NPD				
Realease of Dangerous Substances	Method not yet available				
Declared thermal Conductivity, λ <sub>D</sub>	0,042 W/m·K	0,040 W/m·K	0,037 W/m·K	0,035 W/m·K	0,034 W/m·K
Settlement	Class S1		Class S1		
Water vapour diffusion resistance factor	MU1				
Continous glowing combustion	Method not yet available				
Durability of reaction to fire against heat, weathering, ageing/degradation	The performance of the glass wool loose fill insulation does not change with time.				
Durability of thermal resistance against heat, weathering, ageing/degradation	Loose fill insulation in attic space settles which is taken into account by the installed thickness corresponding to the settlement.		The performance of the glass wool loose fill insulation does not change with time. The density in frame constructions is high and no settlement arises.		

**Explanation**

Reaction to fire: Euro class A1 is the best class (non-combustible material).

Thermal Conductivity, λ<sub>D</sub>: Specify how well the material insulates; the lower value the better insulation.

Settlement: Class S1 is the best class and implies that the product after installation settles less than 1 %.

Water vapour diffusion resistance factor: Products in class MU1 has an open structure allowing water vapor diffusion.

NPD: No performance determined.

**Remark**

The European standard EN 14064-2 "Thermal insulation products for buildings - In-situ formed loose fill mineral wool (MW) products - Part 2: Specification for the installed products" shows how the installer can use the information given by the manufacturer.