

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 ³ Loft inclination ≤ 15° | Installed density ≥ 18 kg/m ³ Loft inclination ≤ 30° | Installed density ≥ 21 kg/m ³ frame constructions inclination ≤ 25° | Installed density ≥ 26 kg/m ³ frame constructions inclination ≤ 45° | Installed density ≥ 30 kg/m ³ 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 _D | 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_D: 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.