

Application

ISOVER Slabs are used as building insulation in wall, roof, ceiling and some floor structures.

Product

ISOVER Slabs are manufactured from glass wool, in formats suitable for common building structures. Glass wool is water-repellent and has no capillary action.

Delivery and storage

ISOVER Slabs are compressed to approximately 50% of their original volume, cutting space requirements during transport and storage by around half.



ISOVER Slabs are delivered on pallets or as separate packages.

Unopened pallets are encased in heatshrink for weather protection. If pallets are opened, remaining packages must be protected against the weather. If packages are delivered separately, they must be protected against the weather during transport and storage.

Installation

ISOVER Slabs should be cut to size with a large-bladed knife, leaving an edge of 5 - 8 mm (1%).

Use the ISOVER knife that is delivered as an accessory and cut on an even surface (e.g. a sheet of wood).

ISOVER Slabs must fit flush with each other and with adjacent surfaces (beams, rafter feet, etc.) to ensure effective insulation.

Operation and maintenance

ISOVER Slabs require no special maintenance.

If ISOVER Slabs are correctly installed in building components, they will have the same life cycle as the building component itself.

Disposal and recycling

ISOVER Slabs must be disposed of at recycling sites in the same way as mineral waste. ISOVER glass wool can be circularly recycled in new products.

Packaging must be disposed of in accordance with national regulations.

Sustainability

ISOVER Slabs 34 are manufactured with a 100% biobased binder which ensures low emissions. The low emissions are documented by certification according to Eurofin's Indoor Air Comfort Gold. This has a positive effect on the indoor climate when the product is installed.

The product is listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings.

ISOVER Slabs are documented with a Verified EPD (Environmental Product Declarations).

Quality assurance

Saint-Gobain ISOVER's quality control system is certified according to ISO 9001. Saint-Gobain ISOVER is a member of VIF (Danish Association of Manufacturers of Thermal Insulation Materials), and

Saint-Gobain ISOVER's products are subject to CE marking pursuant to building legislation.

Saint-Gobain ISOVER adheres to the Danish building supply clause for building supplies in Denmark.

Saint-Gobain ISOVER's products are further subject to third party quality control due to the company's registration with the Keymark scheme.



EUCB is a European label and demonstrates that all of Saint-Gobain ISOVER's glass wool products are biodegradable. The label entails a third party check of biodegradability twice a year.

Saint-Gobain ISOVER's product range is under constant development. Therefore, Saint-Gobain ISOVER reserves the right to make any necessary changes to the product range and specifications. Similarly, Saint-Gobain ISOVER cannot be held liable for incorrect use of the products.

Saint-Gobain ISOVER adheres to the Danish building supply clause for building supplies in Denmark.

Declared values pursuant to EN 13162			
Characteristics	Unit		Remarks
Lambda	mW/ mK	34	
Fire		A1	Non-combustible
Thickness tolerances		T3	T3: -3% or 3 mm / +10% or 10 mm For lower limit: Select greatest tolerance. For upper limit: Select smallest tolerance.
Data			
Density	kg/m ³	approx. 20	
Acoustics	^a w kPa s/m ²	0,90 approx. 18	Absorption acc. to. ISO 1654 Specific flow resistance
Application temperature	°C	max. 250	