

ISOVER Facade concept Slab

Application

ISOVER Facade concept Slabs can be used to provide external insulation solutions for exterior walls made of concrete, lightweight concrete, perforated brick or masonry. This insulation then provides the underlay for ISOVER Facade concept solution 2. (See catalogue information sheet 420 ISOVER Facade concept).

Product

ISOVER Facade concept Slab is a hard, rigid glass wool board made of impregnated glass wool.

ISOVER Facade concept Slab is produced with a declared lambda value of 37 mW/mK for thicknesses of less than ≤ 100 mm and with a lambda value of 38 mW/mK for thicknesses greater than 100 mm.

Delivery and storage

The boards are not compressed.

For ISOVER external insulating boards, note the following information:

Pallet format: 1200 x 1200 mm.

Pallet height: 2550 mm.

Pallet weight: 240 kg.

ISOVER Facade concept Slabs are delivered either on pallets or as loose packages. Pallet loads are enclosed in shrink wrap to protect them against the weather. Once opened, the remaining packages on the pallet must be stored away from wet and damp conditions. Protected from the weather in transit, once delivered, loose packages must also be stored in similarly dry conditions.

Preparation and mounting

ISOVER Facade concept Slabs can be cut with a large-bladed knife. Use the ISOVER Knife, which is sold as an accessory, and do the cutting on a flat surface such as a wooden board or similar.

The boards are placed on an ISOVER base rail (ISOVER Sokkelskinne) and secured with ISOVER adhesive and reinforcing mortar. They are then mounted at format 600 the whole way up the building's height. The side of the board marked with stripes must be turned towards the wall. 24 hours after completing this bonding process, the insulation should be firmly affixed using ISOVER Thermal insulation fixings. (See special brochure).



Disposal and recycling

ISOVER Facade Concept 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

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

Quality assurance

The quality management system of Saint-Gobain ISOVER A/S is certified to ISO 9001. Saint-Gobain ISOVER A/S is a member of VIF, the Danish VarmelsoleringsForeningen (Thermal Insulation Association), and Saint-Gobain’s ISOVER A/S products are subject to CE marking under the Construction Products Regulation (CPR). Saint-Gobain’s ISOVER A/S products are subject to additional third-party quality monitoring in connection with the Keymark certification scheme.



EUCED is a European trademark which certifies that all ISOVER Glass wool is biosoluble. The mark means that third-party control tests of the biosolubility are conducted twice a year.

Saint-Gobain ISOVER A/S is constantly evolving its product range and as such Saint-Gobain ISOVER A/S reserves the right to make necessary changes to the product range and specifications. The products must not be used for anything other than their intended purpose.

Saint-Gobain ISOVER A/S subscribes to the Building Supply Clause for supplying the construction industry in Denmark.

Declared values according to EN 13162

Characteristics	Unit	Value	Description
Lambda	mW/m K	$\leq 100\text{mm}$ 37 $\geq 105\text{mm}$ 38	
Fire		A2-s1, d0	Non-combustable
Thickness tolerances		T5	-1% or -1 mm/+3 mm Select the lower limit for the greatest tolerance. Select the upper limit for the least tolerance.
Moisture	kg/m ²	<1	Short term water absorption, WS in accordance with EN 1609.
Information data			
Density	Thickness mm kg/m ³	Approx. 76	
Operating temperature	°C	Max. 250	
Delamination strength	kN/m ²	$\leq 100\text{mm}$ 30 $\geq 105\text{mm}$ 40	