

ISOVER Facade

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The new ISOVER Facade is a semirigid glass wool board with special wind barrier insulation facing on one side. ISOVER Facade is the first mineral wool wind barrier with fireclassification A2 - s1,d0, tested and approved by VTT. Main application is as combined insulation and wind barrier insulation for walls, ceilings and floors especially in fireclass P1 and P2 buildings. It is very suitable for brick walls and frame structures. Because of groove and tongue, there is no cold bridges. ISOVER Facade has the best insulation properties in mineral wools in the Finnish market.

Designation code according to CE	MW-EN13162-T4-Z(0,05)-WS-WL(P)
Coating	Special wind barrier facing
Fire class	A2-s1d0 - Euroclass
Fire class, base board	For base board 200 °C (application related)
Air permeability	Air permeability $\leq 10 \cdot 10^{-6} \text{ m}^3/\text{m}^2\text{s Pa}$, EN 29053 (VTT Expert services Oy)
Thermal conductivity	0,031 W/mK, Lambda Declared value
Water vapor permeability	Water vapour permeability $3,66 \cdot 10^{-9} \text{ kg/m}^2\text{s Pa}$, EN 12086 (VTT Expert services Oy)

Description

The new ISOVER Facade is a wind barrier and thermal insulating board developed for moisture-technically demanding conditions. The wind barrier facing is very permeable to water vapor but does not allow rainwater or wind to penetrate into the structure. ISOVER Facade is a non-combustible thermal insulation that has the best thermal insulation properties in mineral wool boards (λ 0.031 W / mK).

Application

Main application is as combined insulation and wind barrier for walls, ceilings and floors. It is very suitable for brick walls and frame structures. Because of groove and tongue, there is no cold bridges.

Suitable for all building types (fireclass P1, P2 and P3), both new and renovation building projects.

Installation

ISOVER Facade boards are semi-rigid glass wool boards and can be installed without any frame with special fixing accessories. Special fixing accessories are also available for attaching the exterior cladding through the boards to the bearing structure (4 - 6 pcs/m²). Special ISOVER FacadeTape –sealing tape for sealing the joints of the boards is mandatory. When sealing the joints, air and surface temperature should not be less than -5 degrees centigrade. If temperature is lower than recommended, the surface of the board should be warmed up and also the tape should be kept in a warm place to get a proper adhesion to the surface. Sealing the joints should be done during the installation of the boards (within the same day). Boards without taped seams should not be exposed to wind load for longer period of time. Installation of the boards should be done according to instructions given by the designer to meet the requirements of the construction.

Package

Plastic package (volume per package see dimensions).

Handling and storage

The packages and product should be handled according to the instructions given in packages or separate handling instructions available or given by the producer. Packages shall be stored at dry location protected from rain.

Additional info

Saint-Gobain Finland Oy reserves the right to change the appearance and technical properties of the product according to changes and development of the manufacturing process.