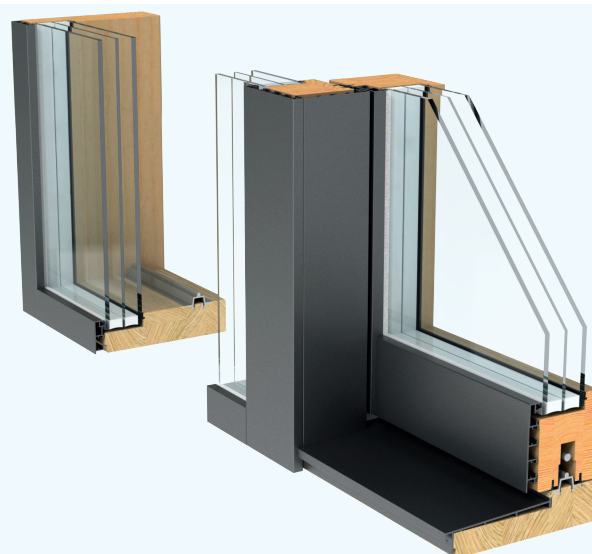
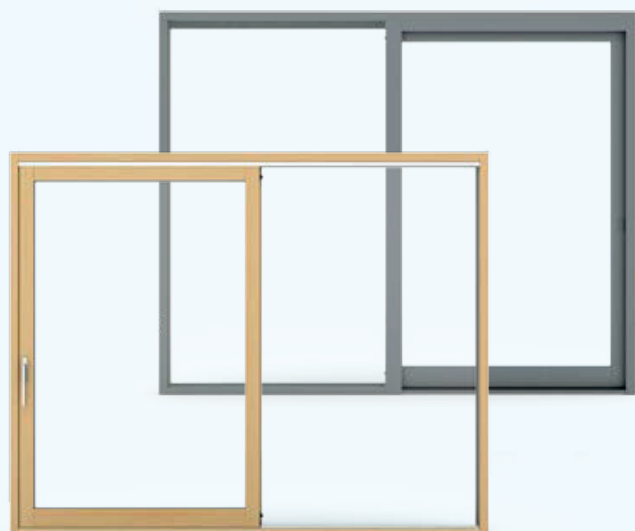




Windows & Doors

Lammin ILOA aluminium-clad sliding glass doors



Product structure

With the aid of the Lammin ILOA sliding glass doors, you can create a sliding window wall of your liking. The design of the ILOA sliding glass doors is streamlined and timelessly stylish. In the ILOA collection, the frame structure and the inside of the frame are made of pine and the outside is aluminium clad.

Next to the sliding glass door, you can instal either fixed MEK-A or openable MSE-A windows from the same collection, as their technical properties are similar and their design matching. The insulating glass element in the fixed part is attached to the frame without a separate stile, so the opening that lets light in is larger than the one in the sliding part.

Dimensions

- Width 1,790–3,990 mm
Height 1,890–2,490 mm
- Frame depth 210 mm
Frame thickness 55/64 mm
- Threshold height is 60 mm, of which the wooden frame is 45 mm and the metal slide rail 15 mm

When the maximum dimensions are exceeded, the availability must be confirmed from the factory with the overall weight and transport dimensions taken into account.

Wooden raw material and surface treatment of wooden parts

All wooden parts are, for the visible parts, made of knotless pine and/or pine that is finger-jointed and glue-laminated to be knotless. Other wood species are available upon request. The standard tone of the white paint is NCS S 0502-Y. Other colours are available in accordance with the NCS colour chart. The Lammin standard transparent tones and other transparent tones are selected from the Teknos colour chart.

Aluminium profiles and their surface treatment

The aluminium parts are powder coated. Their standard colour is RAL 9010 white. Other colours are selected from the RR and RAL colour charts. The aluminium cladding is attached to the door in a way that takes the thermal expansion of aluminium into account.

Glass panes and glazing

All glass panes are made of quality class 1 float glass. The 3K special glass panes are FI-approved. For instance, fog-free and solar control glass panes are available for the glazing. Special glass panes are always selected on an order or product-specific basis, such that the thermal insulation requirements and the soundproofing or safety glass regulations are taken into account.

Accessories

An insect door that slides to the side whose maximum dimensions are 1,500 x 2,450 mm. A two-piece 3,000 x 2,450 mm insect door is also available.

Fittings

Terrace locking from the inside as the standard fitting. Turning handle and a flush pull on the outside. The matte colour options are brass and silver.

Sealing

The solution formed by the door's fittings and seals has been designed to withstand demanding conditions. The airtightness and sound insulation properties of the ILOA sliding doors are of the best quality.

U-value

The product's overall U-value is 0.79 W/m²K. The thermal transmittance coefficients of the structures have been specified in accordance with standard SFS-EN 14351-1 + A1.

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