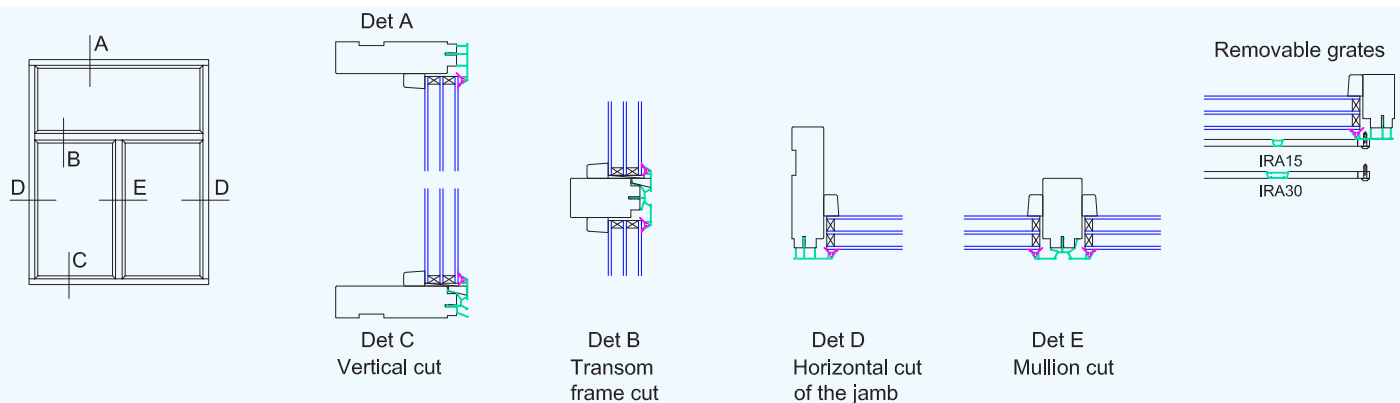


Lammin® fixed sashes

MEKA wooden aluminium window



Windows & Doors



The lightweight, true glazing beads of this series make Lammin's sturdy frame structure appear more delicate. The windows are manufactured per the requirements indicated for the customer and the construction site. They are suitable for new structures and repair/renovation projects alike.

Lammin windows have been certified as qualified to bear the FI label, and they comply with the requirements set for the highest classes specified in EN standards for rainproof structure, airtightness, and withstanding of wind pressure. The dimensions, models, shapes, and colours; energy-efficiency of the glass portion; safety-related characteristics of the panes of glass; and additional features and equipment are always selected individually for each order and product.

The order and order confirmation with the product charts cover only the product quantities and quality, surface treatments, and equipment mentioned in them.

Raw wood material and surface finishing of wooden parts

All wooden parts of Lammin windows are made from carefully selected branchless Finnish pine that is expertly jointed and laminated.

- The frame structure is always finger-jointed and laminated solid pine. Frame surfaces that remain visible after installation are of branchless pine. The frame depths are 110, 131, 145, 175, and 200 mm.

The inner surface of the frame is polished with a machine, primed, levelled where required, and polished again carefully by machine prior to application of the final coat of paint. The same procedures are performed for the products with a translucent coating. For the white paint, the standard colour is NCS 0502-Y. The translucent tones are in accordance with the Teknos translucent-coating colour chart, including water-dilutable varnish for the inner sash surface. Refer to the colour selection chart.

Aluminium profiles and their surface finishing

The parts of the frame that are the most exposed to the rain and sunshine consist of aluminium profiles also in wooden windows. These parts are the outermost section of the sill of the window and the outermost part of the window with a horizontal mullion. The priming treatment used for aluminium profiles is yellow chroming, and the surface finishing is implemented with a powder coating in RR or RAL colours. Refer to the colour selection chart.

The method used for attachment of the aluminium cladding protecting the lower/horizontal intermediate jamb from the weather has been studied well, and testing has proved it to be sturdy. Ventilation between the wood and aluminium has been taken into account in the frame structures.

The cladding profile of the sill is tightly plugged at its ends, it has good storm-water removal, and there are a mounting groove and locking cam for convenient and tight 'snap-in' attachment of the flashing.

Glasses and glazing

All glasses are float glass of quality class 1. The 2K, 3K, and 4K insulation glasses have FI approval, and their thickness is always at least 4 mm. The special glasses are selected order- or window-specifically in consideration of the energy-class requirements, needs for sound insulation, and safety-glass regulations.

The glazing beads of white windows are UV protected, body-tinted white plastic. The glazing beads of the windows with a translucent coating or special paints are made of plastic or wood.

Fittings

No fittings.

Draught exclusion (weather strips)

The interior has a vapour barrier underneath the glazing bead. In products painted white as visible from the outside, the seal is white on the outside. In other products, it is black. The seal is installed in the aluminium profile groove.

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