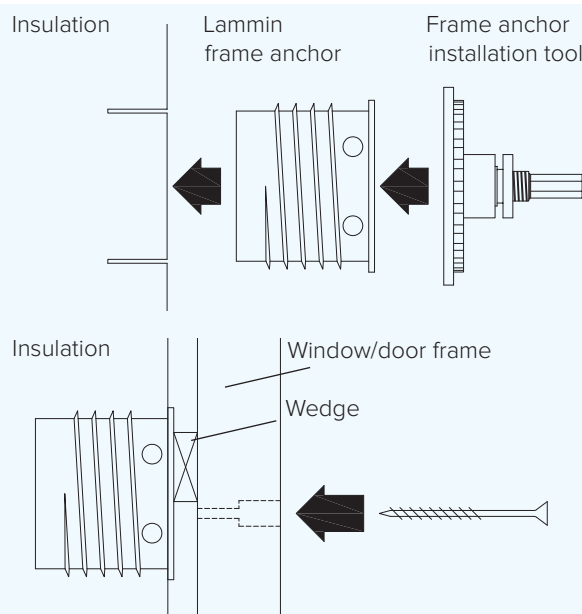




Windows & Doors

Lammin® frame anchor



The Lammin frame anchor is patented, with patent number FI 127138 B. The Lammin frame anchor is a fastening device designed to install a door or window frame in an insulation block wall. Typically, a wooden auxiliary frame is used at the installation opening of a stone/concrete wall equipped with a solid insulation layer. The auxiliary frame is embedded and glued to the insulation material.

The Lammin frame anchor provides significant benefits compared to a conventional auxiliary frame installation. The Lammin frame anchor saves you time and costs.

The Lammin frame anchor is designed for use in window and door installations when the installation gap is filled with insulating foam. The strength of the frame anchor used as a window installation fixture is sufficient when using as many fixing points as indicated in the Building Information (RT) card. The depth of the door frame should be at least 190 mm and the side frame should have two fixing points in the depth direction and four fixing points in the vertical direction.

Adequate tensile and compression strength as well as rotational rigidity are achieved when the frame anchor is tightened up to the surface of the wall insulation. The frame screws must not be adjusted after the insulation foam dries.

Installation of the Lammin frame anchor

Check the positioning of the frame and the fixing point of the frame screw in the depth direction of the wall.

Mark the fixing points of the frame screws at the sides of the opening and at the bottom and top of the opening.

At the bottom of the opening, the frame anchor can be used to stabilise the lower frame when using opening window frames and compact (less than 90 kg) fixed windows.

When using large-sized fixed windows, the lower frame support wedges must be installed and supported carefully on the outer edge of the frame at the location of the insulation glass package.

The frame anchor should be mounted at the location of the frame fixing points. A frame screw or a universal screw with a diameter of 6 mm is tightened to the frame anchor. The frame anchor is usually tightened up to the insulating surface.

If the frame anchor is used directly against the frame surface and left clear of the wall insulation surface, the gap between the frame anchor and the wall insulation surface must be filled with insulating foam. A powerful drill/screwdriver is required for the installation of a frame anchor. Recommended torque of 40 Nm.

The frame anchor is owned by Lammin Windows and Doors. The frame anchor is patented. You can buy the frame anchor and installation tools from our window and door vendors or from your stone/concrete house salesperson. Also available from hardware stores and building supply companies throughout the country.

Lammin Ikkuna Oy

PB 100 FI-16901 Lammi, Finland

Tel.: +358 10 841 1700 E-mail: myynti@lammin.fi

www.lammin.fi ovistudio.fi ikkunastudio.fi signal-window.com