

FTT U8 THERMO - WINDOW OF THE FUTURE

The FTT window with innovative structure ensures excellent thermal insulation performance and large energy savings. The FTT U8 Thermo window featuring $U_w = 0.58 \text{ W/m}^2\text{K}$ is the most energy-efficient roof window with a single glazing unit available on the market. It significantly exceeds the energy-efficiency requirements for roof windows which will become effective from 2021. The FTT U8 Thermo complies with passive construction requirements, which is confirmed by Passive House certificate.

High energy-efficiency

Triple chamber glazing unit U8 with $U_g = 0.3 \text{ W/m}^2\text{K}$ is set in a specially designed sash frame, which offers wider wooden profiles in comparison with standard windows. The window is equipped with five seals. Such structure minimises thermal bridging and provides improved window insulation.

The FTT U8 Thermo window is supplied and installed with EHV-AT Thermo flashing, which enables window insulation above the roof surface. Flexible insulating material is glued to the inside of the flashing which adheres tightly to the window frame forming thermally insulated frame.

As standard, the window is equipped with XDK insulation flashing kit, which enables fast and proper installation of thermal insulation, air permeable membranes and air tight membranes around the window. Application of comprehensive solution ensures fulfilling energy-efficient function of the window and allows to reduce heat loss as well as bills for heating the building.



Raised axis of rotation makes it easier to approach open window

Comfort of use

The sash is opened like a pivot window but its axis of rotation is situated above the centre of the window, so even a tall person can comfortably stand by the open window. The sash stops in the open position in the range between 0° to 40° , because it is equipped with innovative supporting mechanism.

Lifetime glazing unit hail resistance warranty

The FTT U8 Thermo window is equipped with the glazing unit consisting of four toughened panes featuring increased resistance. This improves safety of use of the attic even during heavy rain or hail. Therefore, the window comes with a lifetime warranty against hail.

Increased burglary-resistance

The window is equipped with the topSafe system of structure reinforcement. This system significantly improves resistance of roof windows to break-in attempts and protects against the sash opening under foot pressure if inadvertently stepped on.

I think
it will
pay off

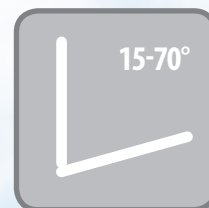
THE STRUCTURE AND ADVANTAGES - FTU U8 THERMO



The window installed with EHV-AT Thermo flashing and XDK insulation flashing kit
 Thermo flashing enables window insulation above the roof surface. The XDK insulation flashing kit provides fast and proper installation of thermal insulation, air permeable membranes and air tight membranes around the window. It consists of insulation set XDP and air-tight flashing XDS.

Quintuple sealing system
 – better air tightness of the window,
 reduced heat loss

Wider wooden sash frame profiles
 – improved window insulation,
 minimised thermal bridging

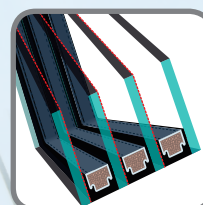


Wide window installation range: 15-70°



The pivot window with hinge situated above the centre of the window height – even a tall person can comfortably stand by the open window

Triple chamber, passive glazing unit U8 (four toughened panes, filled with inert gas - krypton)
 – higher energy efficiency of the window



$U_g = 0,3 \text{ W/m}^2\text{K}$



The most energy-efficient roof window with a single glazing unit available on the market
 – $U_w = 0.58 \text{ W/m}^2\text{K}$



Passive House Certificate – the window designed for passive buildings confirmed by Passive House certificate



Handle with double-sided locking
 – improved window air tightness, minimised heat loss
 – possibility of micro ventilation