



**Insulation:**

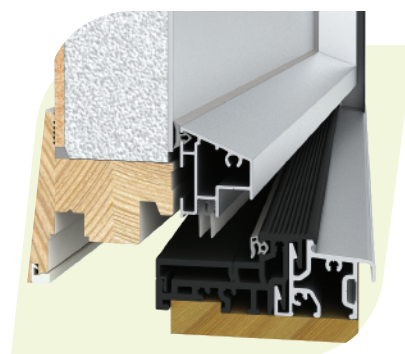
U-value with standard glass 0,83 W/m<sup>2</sup>K

U-value with special glass 0,79 W/m<sup>2</sup>K

**Sound insulation:**

Standard glass  $R_w = 33$  dB

Special glass up to  $R_w = 42$  dB



High-quality, economical and energy efficient **Fenestra Fenix balcony doors** are perfect for apartment buildings as well as private residences. The single leaf triple-glazed wood aluminium balcony door opens inwards. The frame and architrave are covered with aluminium profiles from the outside. There are several design options available: the full glass standard or the partially boarded balcony door. There are many different paint and stain options. All our products are tested by approved test labs.

## TECHNICAL SPECIFICATIONS

Airtightness 4  
Resistance to wind load class C3  
Impermeability E1050

test measure 990 x 2 090

## WOOD

Wood has been selected and processed based on quality standard RT 103241. Architraves are made of glued laminated timber (pine) with at least three layers using weatherproof glue D4. Window frames are made of knotless pine and there are no finger joints on the visible stained/glazed surface.

## ALUMINIUM

Weatherproof and easy-to-maintain aluminium parts are powder coated or anodized. There are a wide range of colour options, ask for further information.

## FITTINGS

Fittings (Siegenia, Maco) and handles (Hoppe, Mira) are included in standard accessories. Handles come in a variety of models and colours.

## DIMENSIONS AND SHAPE

Architrave depth 84 mm  
Maximum frame area 3 m<sup>2</sup> and architrave area 6 m<sup>2</sup>.  
Larger dimensions available for special solutions.

## GLASSES

The standard package includes triple glazing with improved properties that are compliant with SFS standard 3K4Sel/4/4Sel-18 CU+ARG.

The glazing is 48 mm thick.

The middle strip is 18 mm wide.

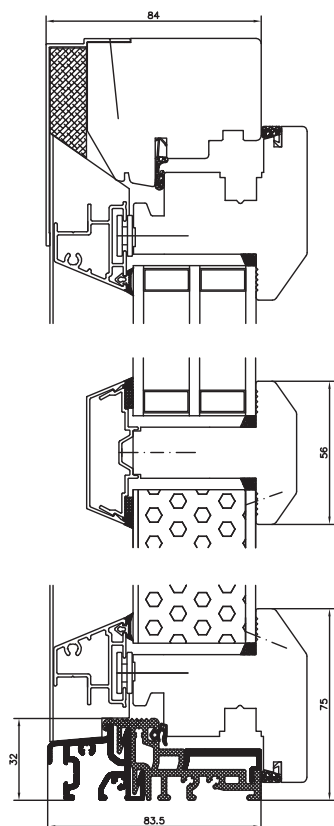
Possibility to order special safety glass, in order to improve the soundproofing of the glass package and to reduce the effects of solar radiation.

## SURFACE FINISH

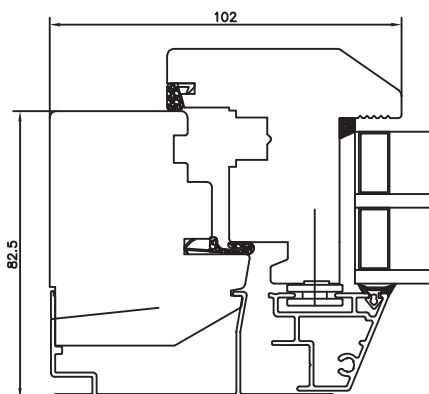
Wood details are coated in our factories with weatherproof paints, stains or lacquers (AkzoNobel, TINTEX). There are a wide range of colour options.

## SEALING

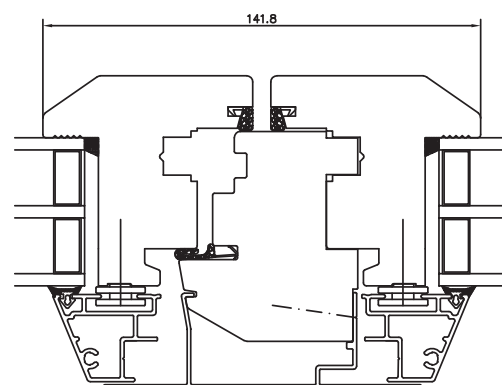
We use various high-quality sealants.



Threshold + spacer + upper frame



Side frame



Central roller sash