



Insulation:

U-value with standard glass 0,78 W/m²K

U-value with special glass 0,74 W/m²K

Sound insulation:

Standard glass R_w = 33-45 dB



High-quality, economical and energy efficient **Fenestra IOU balcony doors** are perfect for apartment buildings as well as private residences. The single leaf triple-glazed wood aluminium balcony door opens outwards. The frame and the external surface of the door leaf of the balcony door is covered with aluminium profiles. The doorsill of the balcony door is made of oak. There are several design options available: the full glass, special mid-frame solution or the partially blocked 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 C5
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. The doorsill of the balcony door is made of oak.

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

High-quality ASSA closure system FIX S3117 with FIX150 doorstop. Handles according to HOPPE and ASSA/Abloy selection. Both surface-fix and bolt-through handles and different fixture systems available. Doors move on classical ASSA/Abloy hinges. As a rule, doors are equipped with four hinges.

DIMENSIONS AND SHAPE

Standard architrave depth options 130 mm, 170 mm and 210 mm.

Door dimensions:

Width: 637 - 1 210 mm

Height: 1 841 - 2 414 mm

Larger and smaller dimensions available for special solutions

KLAASID

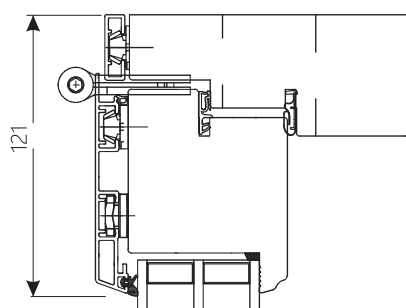
The standard package includes triple glazing with improved properties that are compliant with SFS standard 3K4Sel/4/4Sel-20 CU+ARG. The glazing is 52 mm thick. The middle strip is 20 mm wide. Possibility to order special safety glass, in order to improve the soundproofing of the glass package and to reduce the effects of solar radiation.

SURFACE FINISH

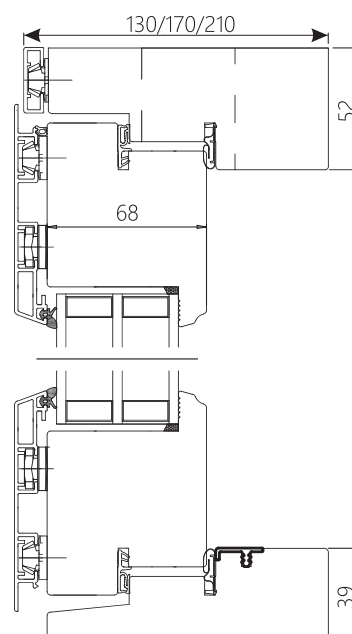
Wood details are coated in our factories with weather-proof paints, stains or lacquers (AkzoNobel, TINTEX). There are a wide range of colour options.

SEALING

We use TPE sealants.



Side frame



Upper and lower frame