

### Insulation:

U-arv standardklaasiga 1,0 W/m<sup>2</sup>K

### Sound insulation:

Standard glass Rw = 42-47 dB  
Ctr = 35-45 dB



High-quality and economical **Fenestra IOSU balcony doors** are perfect for apartment buildings as well as private residences. The internal door of the double-framed balcony door opens inwards and the external door opens outwards. The internal frame consists of double glazing. Good sound insulation is ensured by two frames and extra wide frames (210mm). The outer frame is from aluminium 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 and the door has stopper system to position the door just the way you need it. 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

Fittings (SG & Otlav) and handles (ASSA-Abloy) are included in standard accessories. Handles come in a variety of models and colours.

## DIMENSIONS AND SHAPE

Standard architrave depth options 170 mm and 210 mm.  
Recommended maximum door size 2.5 m².

Larger and smaller dimensions available for special solutions

## GLASSES

The inside frame uses double glazing with selective surface, filled with argon gas. 4 mm glass is the standard choice for the outer frame.

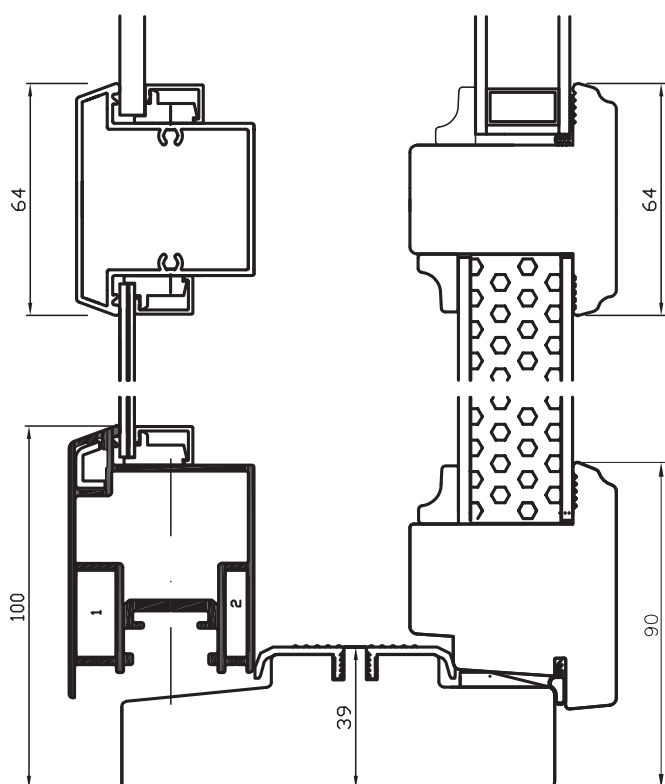
Possibility to order special safety glass, in order to improve the soundproofing of the glass package and to reduce the effects of solar radiation.

## SURFACE FINISH

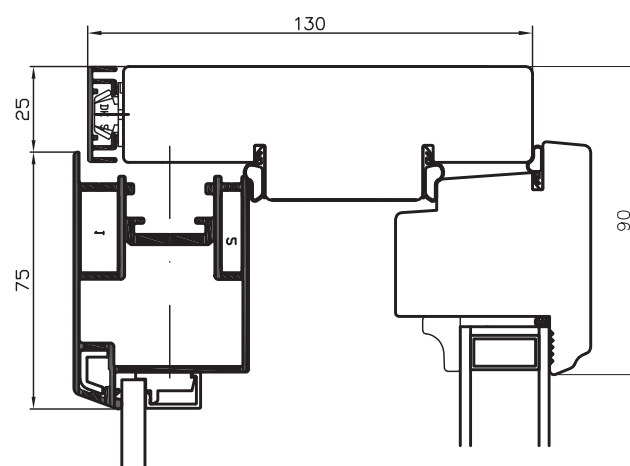
Wood details are coated in our factories with weatherproof paints, stains or lacquers (AkzoNobel, TINTEX). There are a wide range of colour options.

## SEALING

We use TPE sealants.



Lower frame



Upper and side frame