



**Fenestra IOSU** is a twin leaf balcony door that opens inward and outward with an internal sash with a triple glazed assembly. The Fenestra IOSU balcony door external sash is made from aluminium and the frame is aluminium clad. The balcony door has an oak threshold and many paints and varnishes may be used. Different appearances are possible: as standard full glass and on special order with spacer or partially closed panels.

**MEASUREMENTS**

Frame depth is 170mm and/or 210mm.

**GLAZING**

The external sash uses as standard glazing 4 mm float glass and the internal sash has a double glazing assembly according to the SFS-standard.

**PROPERTIES**

Heat retention: Assumed U-value 1.0

Sound insulation:

Assumed  $R_w=42-47$  dB,  $C_{tr}=35-45$  dB

**ALUMINIUM**

Aluminium details with powder coating are weatherproof and easy to maintain.

**WOOD**

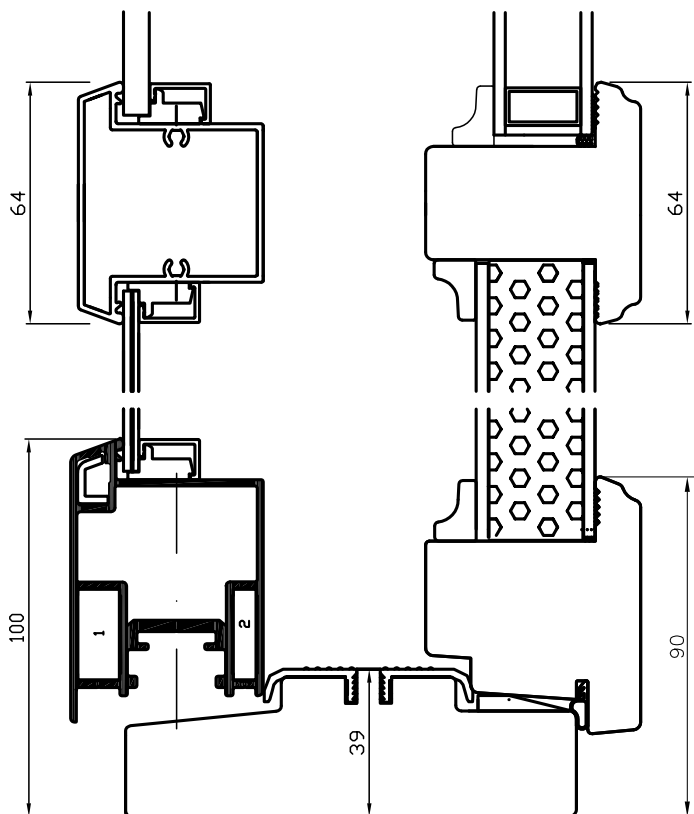
Softwood (pine) and hardwood (oak – threshold) treated and selected according to quality standard SFS 4433.

**SEALS**

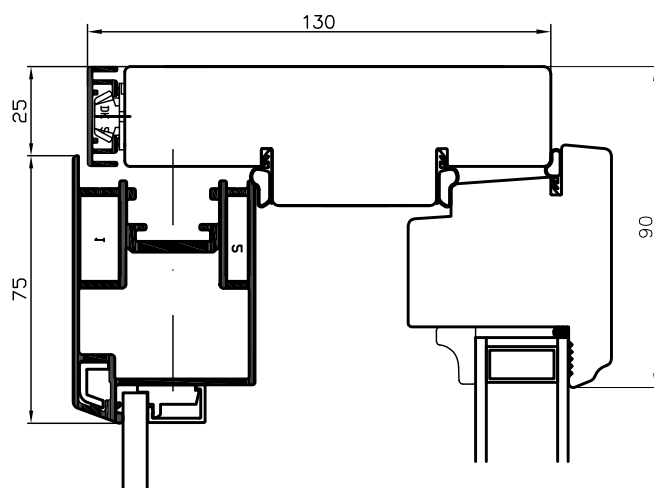
The internal and external sashes are sealed with TPE seals attached to the frame. An additional TPE seal is attached to the inner sash.

**FINISHING**

Paint (e.g. RAL catalogue) or stain (AkzoNobel TINTEX catalogue) is used



Side frame



Upper/lower frame