

Fenestra Fenix balcony door is an inward opening single leaf triple glazing wood-aluminium balcony door with an aluminium clad external sash and frame. The balcony door comes in a wide range of colours or varnishes.

There are different appearances: as standard is full glass and as special order can be with spacer or part closed.

## MEASUREMENTS

The sash's maximum area is 3m<sup>2</sup>, the jamb's 6m<sup>2</sup>.

## GLAZING

Triple glazed assembly 3K4Sel/4/4Sel-18 CU+ARG. Glass unit thickness is 48mm.

By special order safety glass, glazing assemblies for improving sound insulation and reducing UV radiation can be used.

## ASSUMED PROPERTIES

Heat retention:

U-value standard glass 0.83;

U-value special glass 0.79.

Sound insulation:

Standard glass  $R_w = 33$  dB

Special glass up to 41 dB

## ALUMINIUM

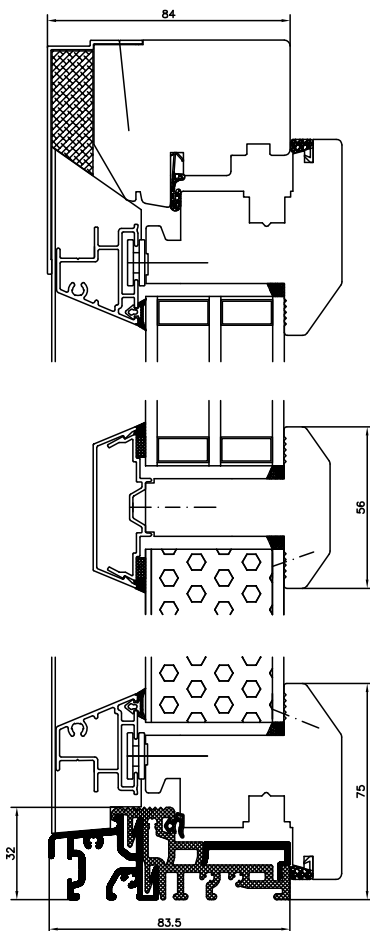
Aluminium parts are powder coated.

## WOOD

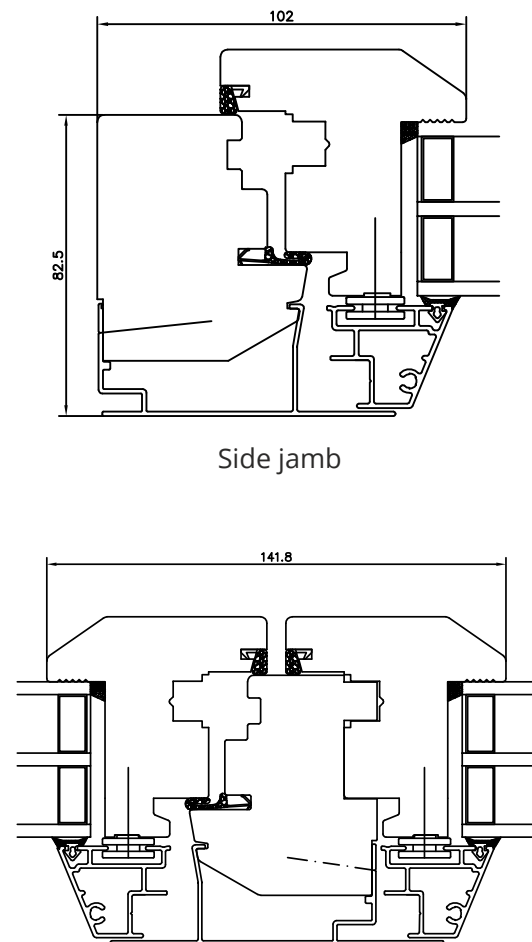
Three ply laminated timber (pine) selected according to quality standard SFS 4433. Frames are fastened using finger-jointed wood laminate using weatherproof glue D4.

## FINISHING

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



Threshold+spacer+upper frame



Side jamb

Central roller sash