**DECALU 163 SLIDE** of SO EASY technology is the sliding door system designed in accordance with the latest trends in modern architecture. Frame and sash profiles are very slender. The total visible width of the movable post is only 73 mm. The sliding system with narrow, appealing profiles and huge glass panes will perfectly illuminate the living spaces. An additional system of gaskets has been fitted in the leafs of DECALU 163 SLIDE system to prevent noise penetrating into the interiors of buildings, improve the tightness and thermal properties of the system significantly. The system is available in three options: with one-, two- and three tracks.

| | |
|---|---|
| **Depth of frame:** | 163 mm |
| **Depth of leaf:** | 73 mm |
| **Glazing range:** | 27-58 mm |
| **Max weight of sash** | 400 kg |
| **Thermal insulation:** | as from Uf = 1,9 W/m$^2$K |
| **Air permeability:** | Class 3 |
| **Water tightness:** | Class 9A |
| **Resistance to wind load:** | Class C2 |
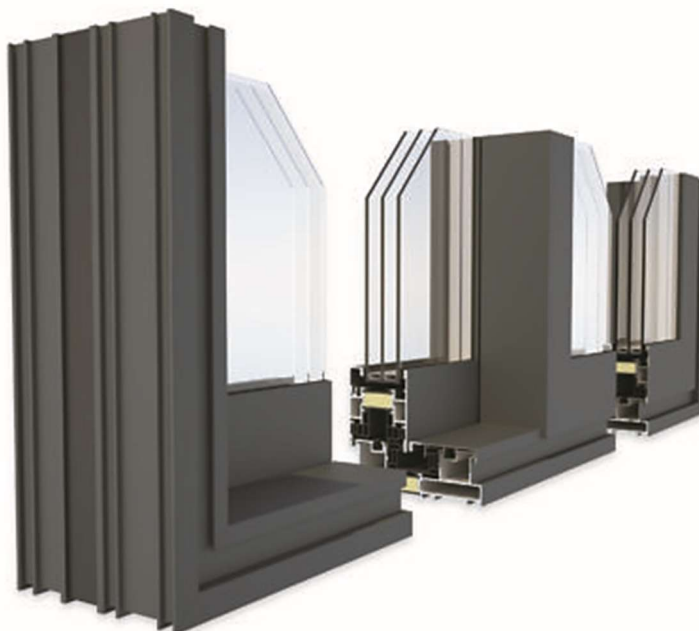
## Examples of heat transfer coefficients Uw

| | Glazing | Value (sash +frame) |
|---|---|---|
| Double glazing | Ug=1,1 W/m²K | Uw=1,3 W/m²K* |
| | Ug=1,0 W/m²K | Uw=1,3 W/m²K* |
| Triple glazing | Ug=0,6 W/m²K | Uw=0,9 W/m²K* |
| | Ug=0,4 W/m²K | Uw=0,8 W/m²K* |

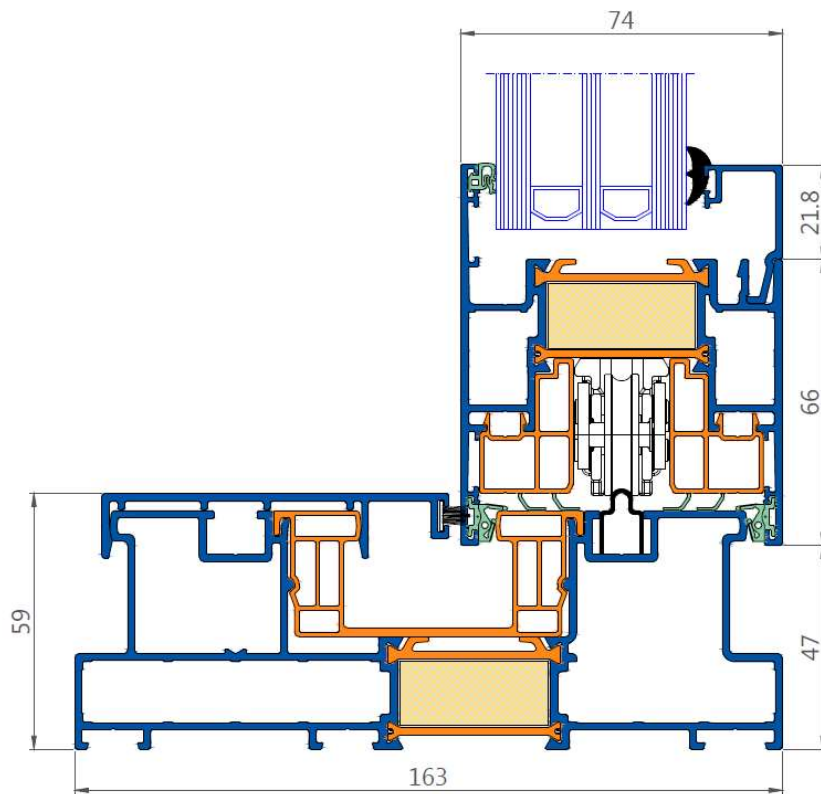(*) U-value calculated on the basis of a sliding window measuring 4000 x 3000 mm (BxH)

## Cross sections
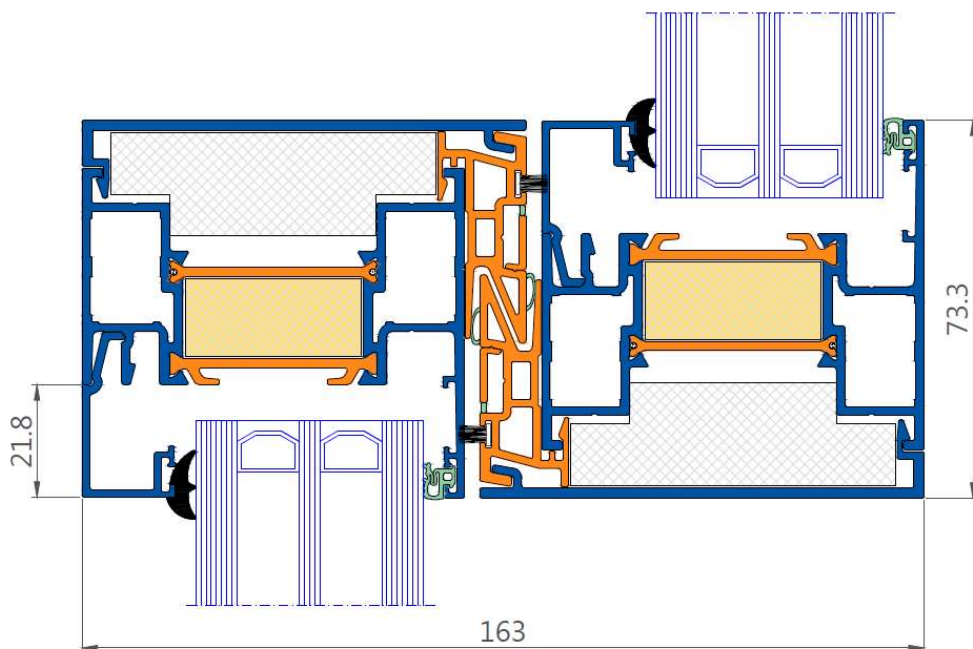
Horizontal section
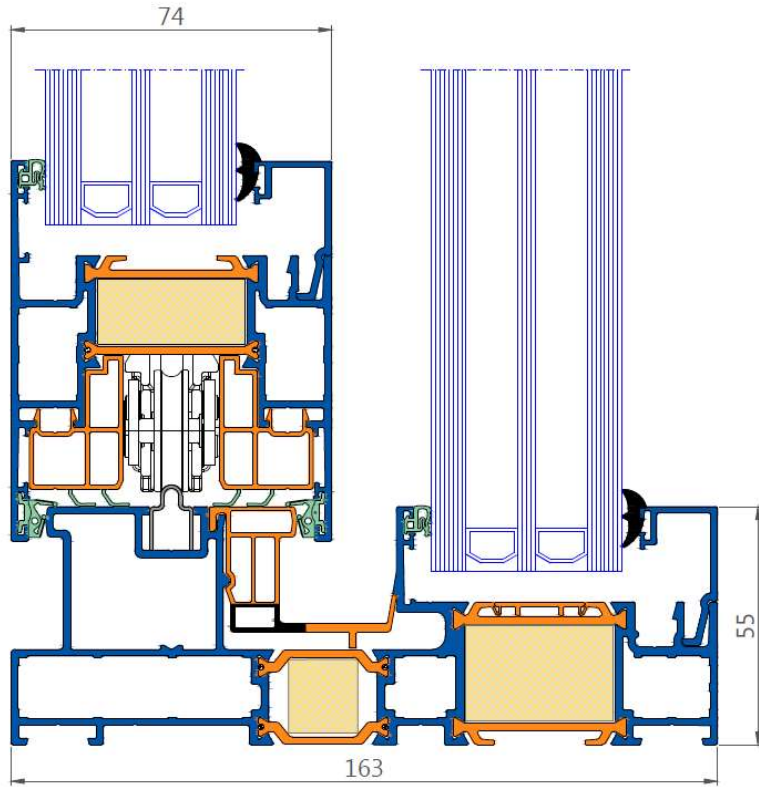
Vertical section (monorail)

Vertical section (duorail)

Door system DECALU 88 FOLDING DOORS of SO EASY technology optimally protects against elements when closed, and it "disappears" on sunny days, letting the users enjoy the outdoors. Thanks to the unique system of fittings and profiles, you can build structures up to 3m high, and the width is limited only by your imagination. With a specially designed adjusting profile, all leafs can have identical dimensions.
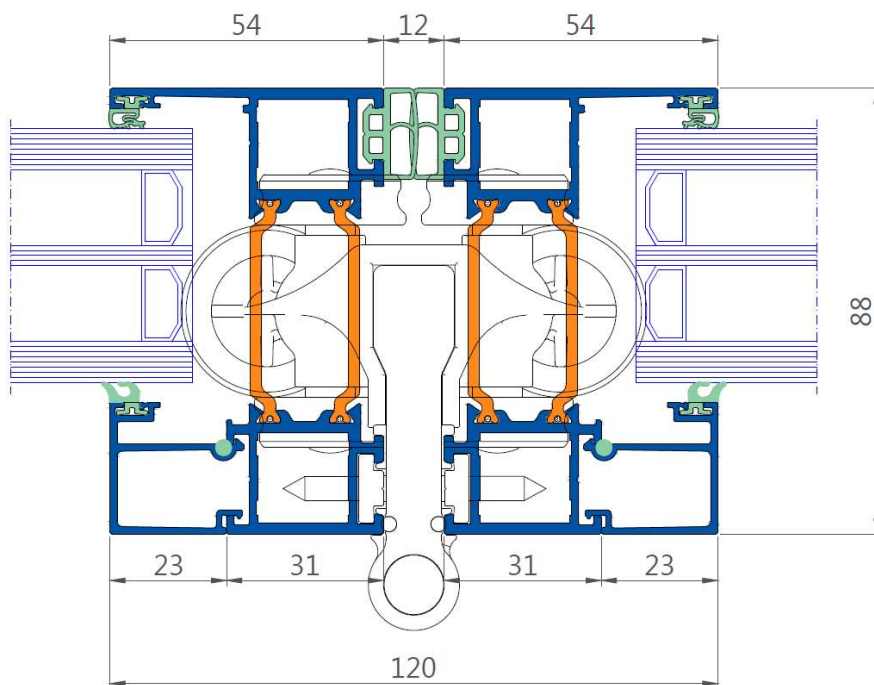
| | |
|---|---|
| **Depth of frame:** | 88 mm |
| **Depth of leaf:** | 88 mm |
| **Glazing range:** | 12-62 mm |
| **Max. weight of sash:** | 150 kg |
| **Max. leaf height** | up to 3 m |
| **Thermal insulation:** | as from Uf = 2,3 W/m$^2$K |
| **Air permeability:** | Class 3 |
| **Water tightness:** | 450 Pa |
| **Resistance to wind load:** | n/a |

## Examples of heat transfer coefficients Uw

|  | Glazing | Value (sash +frame) |
|---|---|---|
| Double glazing | Ug=1,1 W/m²K | Uw=1,22 W/m²K* |
|  | Ug=1,0 W/m²K | Uw=1,14 W/m²K* |
| Triple glazing | Ug=0,6 W/m²K | Uw=0,83 W/m²K* |
|  | Ug=0,4 W/m²K | Uw=0,68 W/m²K* |

(*) U-value calculated on the basis of a folding door measuring 4000 x 3000 mm (WxH) and featuring 4 sashes.

## Cross sections



Horizontal section

Vertical section