

Construction:

Frame: 106x80mm

Sash: 123x80mm, multi laminated wood, joined on length with aluminium clad for passive houses

Material:

Spruce or Pine

Acoustic insulation:

Acoustic insulation 32-49dB (depending on the selected glazing unit)

Thermal transmittance for IV78 wood alu profile:

$U_{w \text{ small}} = 0,98 \text{ W/m}^2\text{K}$

$U_{w \text{ Standard}} = 0,83 \text{ W/m}^2\text{K}$

$U_{w \text{ Large}} = 0,82 \text{ W/m}^2\text{K}$

Glazing

Standard: 4 float/18 Ar w.e. / 4 float / 18 Ar w.e. / 4 lowe with $U_g = 0,5 \text{ W/m}^2\text{K}$

Warm edge is offered as gift at any order.

Hardware:

Standard hardware Roto NX with micro ventilation and anti-burglar catch.

Hidden hardware can be chosen.

Optional fittings with extra safety class: RC1, RC2 or RC3

Colour:

Any kind of colour from RAL chart is available, also a set of transparent colours from Remmers.

Seals:

We use 2 seals Q-Ion + 2 EPDM as standard for this system. The core is made of polyurethane foam, outer coating of polyethylene is weatherproof, resistant to UV radiation and pollution. Available in colours: brown or white.

Handles:

Standard handles are the one's from Hoppe New York Secustik in colors white, brown, silver, bronze or gold.

A handle with a key is possible in the same colors.

Type of window openings

The system IV78 is suitable for all types of openings, windows, balcony doors, tilt and slide doors.

Thermal conductivity values are calculated in accordance with SR EN ISO 10 077-1 / 10 077-2 and measurements are made on the following dimensions:

Small : 615/740 mm

Standard : 1230 x 1480 mm

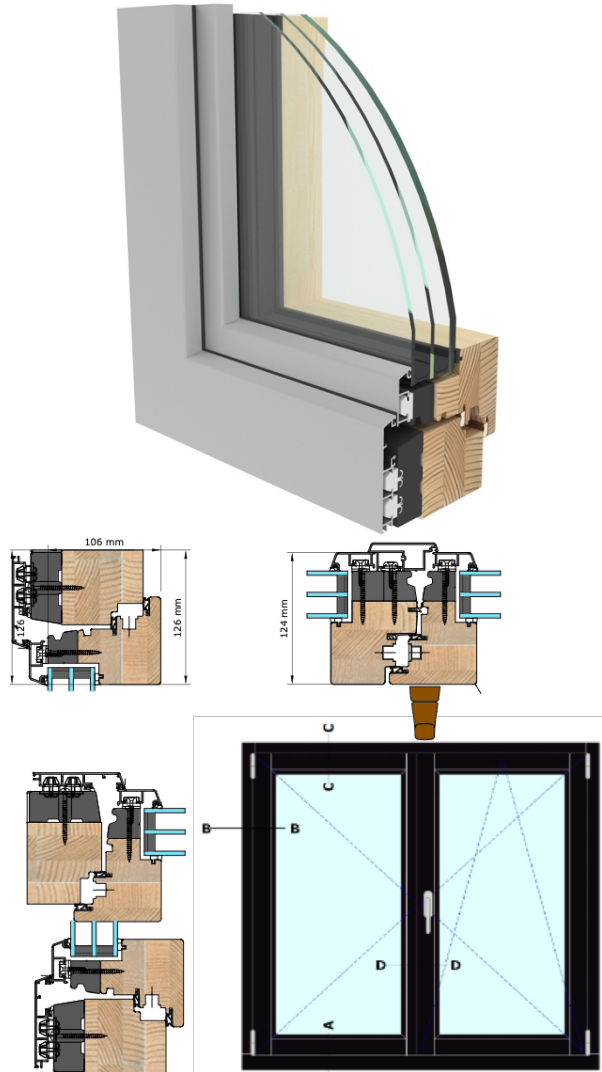
Large (2 wings) : 1540 x 1840mm

$U_f \text{ softwood} (0,11 \text{ W/m}^2\text{K}) = 0,83 \rightarrow 0,73 \text{ W/m}^2\text{K}$

$U_f \text{ soft/hardwood} (0,13 \text{ W/m}^2\text{K}) = 0,94 \text{ W/m}^2\text{K}$

$U_f \text{ hardwood} (0,18 \text{ W/m}^2\text{K}) = 1,17 \text{ W/m}^2\text{K}$

Windows IV78 wood alu THERMO



Construction:

Frame : 68 x 81mm

Sash : 68 x 107mm, multi laminated wood, joined on length. Any shape and size is possible.

Material:

Spruce, Pine, Meranti, Oak.

Acoustic insulation:

Acoustic insulation 30-42dB (depending on the selected glazing or panel unit)

Thermal transmittance for IV68 profile:

U_d Standard glazing = 1,28 W/m²K

U_d Standard panel 33% = 1,28 W/m²K

U_d Large glazing = 1,34 W/m²K

U_d Large panel 33% = 1,35 W/m²K

Glazing

Glazing:: 6 float/16 Ar w.e. / 6 lowe; $U_g = 1,1$ W/m²K

Panel: Spruce insulated panel: $U_p = 1,36$ W/ m²K

Hardware:

Standard hardware Roto DoorSafe with 5 locking points and Simonswerk Baka hinges.

Optional fittings with extra safety class: RC1, RC2 or RC3

Colour:

Any kind of colour from RAL chart is available, also a set of transparent colours from Remmers.

Seals:

We use 2 seals as standard for this system available in different colors.

Silicone:

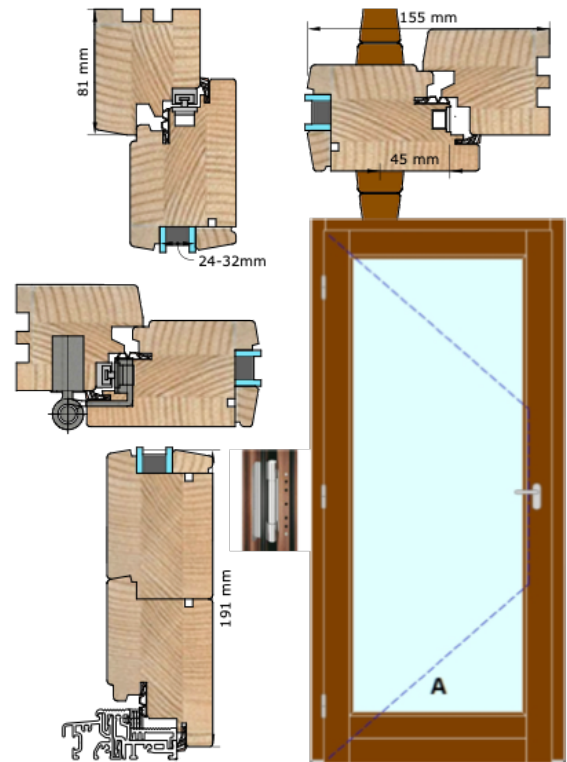
Silicone colour matching wood colour: white, transparent or brown

Handles:

Standard handles are the one's from Hoppe in colors white, brown, silver, bronze or gold.

Type of window openings

The system D68 is suitable for casement, sliding or lift and slide doors.

Doors D68

Thermal conductivity values are calculated in accordance with SR EN ISO 10 077-1 / 10 077-2 and measurements are made on the following dimensions:

Standard : 1000 x 2100 mm

Large (2 wings) : 1800 x 2100mm

U_f softwood (0,11 W/m²K) = 1,36 W/m²K

U_f soft/hardwood (0,13 W/m²K) = 1,53 W/m²K

U_f hardwood (0,18 W/m²K) = 1,88 W/m²K