

Construction:

Frame : 92 x 85mm

Sash : 92 x 107mm, multi laminated wood, joined on length. Any shape and size is possible.

Material:

Spruce, Pine

Acoustic insulation:

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

Thermal transmittance for IV78 wood alu profile:

U_d Standard glazing = 0,93 W/m²K

U_d Large glazing = 0,93 W/m²K

Glazing

Standard: 4 float/18 Ar w.e. / 4 float / 18 Ar w.e. /4 lowe with $U_g = 0,5$ W/m²K

Panel: 12 mm Spruce + 30 mm Polystyrene + 10 mm Spruce = 52mm ($U_p = 0,85$ W/m²K) (0,73 22 + 30 + 22)

Warm edge is offered as gift at any order.

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 3 seals Q-Ion 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, white, black or grey.

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 D78 wood alu 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:

Standard : 1000 x 2100 mm

Large (2 wings) : 1800 x 2100mm

U_f softwood (0,11 W/m²K) = 1,1 W/m²K

U_f soft/hardwood (0,13 W/m²K) = 1,22 W/m²K

U_f hardwood (0,18 W/m²K) = 1,47 W/m²K

Doors D78 wood alu