



WINDOWSFACTORY
INNOVATIVE MANUFACTURER

→ **IV78 / IV90 HS**
wooden exterior doors

Lift & slide exterior door profile system. Exterior door system has excellent thermal and sound insulation properties, high durability against rain and wind loads, high airtightness.



Frame and sash materials

Length jointed pine.

Also available: American Oak, Sapelli, Meranti, Siberian Larch etc.

Frame and sash thickness (embedment depth)

IV78 system frame 184 mm, sash 78 mm.

IV90 system frame 208 mm, sash 90 mm.

Aluminium and composite material doorstep.

Glazing

IV78 – 36 mm or 42 mm thick.

IV90 – 48 mm or 54 mm, 3 glass packets with aluminium or thermal insulation spacer. $U_g=0.5-0.7 W(m^2K)$.

Fittings

Siegenia Portal HS, Siegenia Portal HS Sky,

Siegenia Portal HS Sky Plus.

Sash weight up to 400 kg.

Frame size up to 6700 mm in length, 2800 mm in height.

Finishing

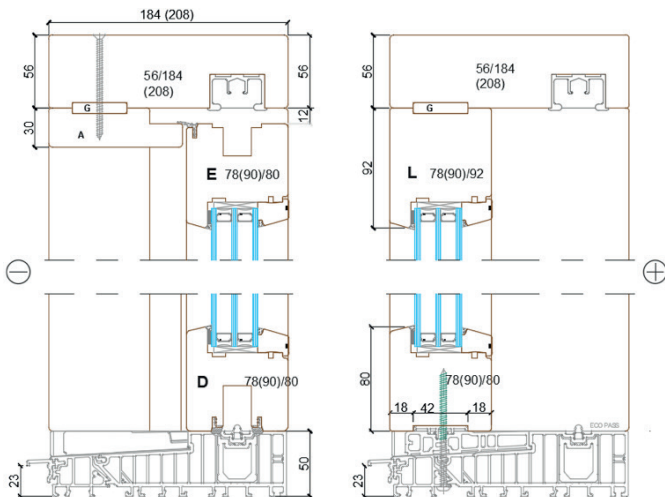
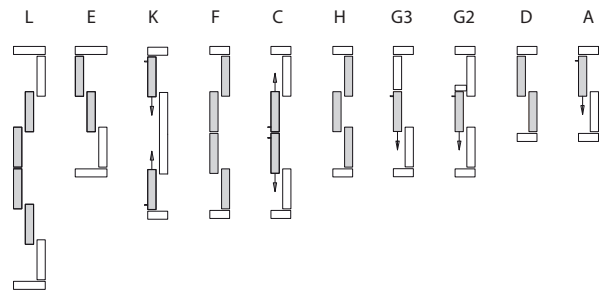
Standard 20 lacquer shades and coating colours according to RAL and NCS catalogues. The finishing materials are eco-friendly and water-based.

Manufacturers – Sikkens and Teknos.

Additional

Soft close, electronic control.

Opening types



IV78 / IV90 HS wooden exterior doors

Door heat transfer U_w coefficient (door size 2500x1200 and TGI gasket, scheme A)

Glazing $W/(m^2K)$		Pine	Oak	Sound insulation
IV78	$U_g=0,6$	1,02	1,10	33dB
	$U_g=0,7$	1,08	1,16	32dB
IV90	$U_g=0,5$	0,90	0,98	34dB
	$U_g=0,6$	0,96	1,04	33dB

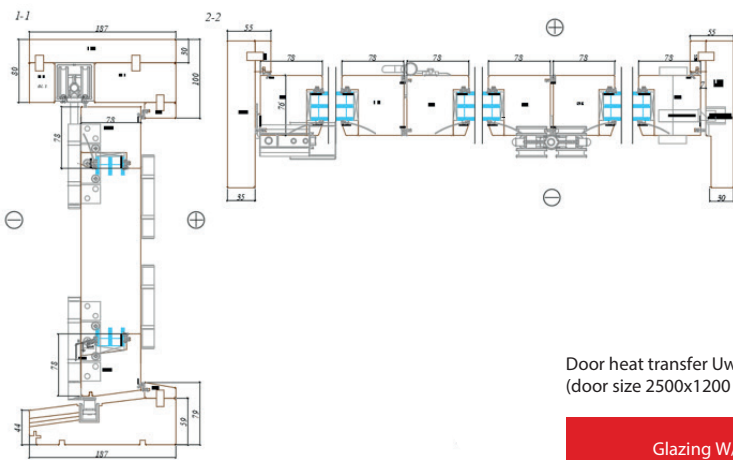


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78 folding doors

(Bi-fold)



78 folding exterior doors

Frame and sash materials

Length jointed pine.

Also available: American Oak, Sapelli, Meranti, Siberian Larch etc.

Frame and sash thickness (embedment depth)

Frame 187 mm, sash 78 mm.

Aluminium and wooden doorstep.

Glazing

24 mm-42 mm thick glass packets.

Fittings

Roto PATIO FOLD, KfV locks.

Maximum sash width 900 mm.

Sash weight up to 100 kg.

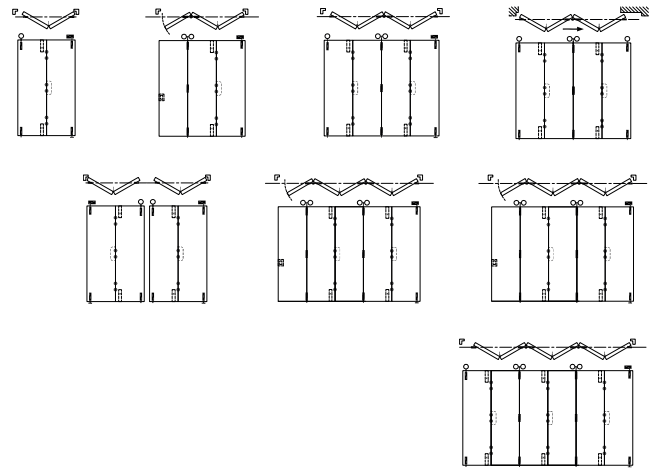
Frame size up to 6000 mm in length, 2800 mm in height.

Finishing

Standard 20 lacquer shades and coating colours according to RAL and NCS catalogues. The finishing materials are eco-friendly and water-based.

Manufacturers – Sikken and Teknos.

Opening types



Door heat transfer U_w coefficient
(door size 2500x1200 and TGI gasket, scheme 3L)

Glazing $W/(m^2K)$		Pine	Oak	Sound insulation
78	$U_g=0,6$	0,80	0,83	33dB
	$U_g=0,7$	0,88	0,91	32dB

