HAWKEYE®
WINDOWS & DOORS
AN EYE FOR EXCELLENCE

Hawkeye Technical Profiles Brochure 2021

800-701-3220 | www.hawkeyewindows.com

Wood Window Profiles

Meisterfenster is the German word for a wood window. It is the perfect term to convey the everlasting beauty only a master craftsman can bring forth. For as long as humans have been building structures, wood has always been used as a staple. As a piece of elegance with distinctive character, the exotic grains and colors of wood are truly a result of nature at its best. Even in contemporary times, regardless of other options preferred for the creation of windows, wood is always included in the exquisite design because it is renowned for enhancing the magnificent buildings we live and work in.

Balcony Door

Entry Door

European Casement

European Single Hung

Folding Door

Historical Double Hung

Historical Hybrid

Lift Slide

Mira Swiss

IV79 Historic

IV79 Spree

Hard Line

Retro

Soft Line

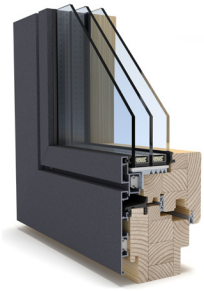
ThermlighT 20

Wood-Clad Window Profiles

Classic

Linear

Passive



Quadrat FB

Quadrat

Retro

Soft Line

Thermlight

European Casement

Vinyl Window Profiles

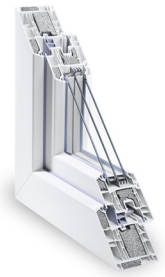
Aluplast 8000

Gealan Futura

Gealan S9000

Gealan S9000 Rounded

Rehau Synego



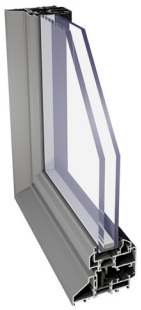
Rehau Geneo

Gealan Kubus

And more...

Aluminum

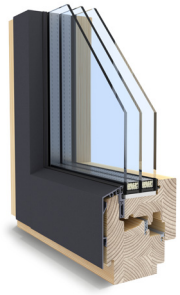
Alu Clad Vinyl



Faux Steel

Wood Clad Alu

Fiberglass



Hidden Sash
(In Wood, Vinyl or Alu)

Passive
(In Wood, Vinyl or Alu)

Vinyl that imitates Commercial

Vinyl that imitates Wood Joinery

Many options:
like jamb extensions, casing, exterior flashing and more.

Narrow Profile Frame Doors

Wood Curtain Wall Window Profiles

Our wood curtain wall also features posts that can span 26' as a single unit and, when stacked, may continue rising up the side of the building. The wood posts are finished to a furniture grade luster from top to bottom, creating an exquisite wall of glass. This splendid and efficient system is so far beyond what an aluminum curtain wall can produce, the initial price often becomes inconsequential.

Tallest post is 28'
Nominal glass size is 48 sq. ft.
Largest glass size is 80 sq. ft.
Heaviest glass weight is 880 lbs
Normal weight is up to 200 kg (440 lbs)
Special permission for over 440 lbs

Glass thickness: 12mm – 64mm (1/2" to 2.5")

Polygons:
180° - 187° no change in glazing gaskets
188° - 200° use special glazing gaskets
>200° use various wood corner post systems

Wall inclinations:
<10°

Post & Crossbar Depth (Wood Portion)
Range from 80mm to 340mm (3.14" to 13.38") normally by 10mm increments (Domestic post may be up to 48" in depth and to any increment)

Post length range
2m to 6m (6.56' to 19.68')
>6m on request (with max at 28')
Can be stacked

Alum Profiles
Max length is 6m (19.68')

Exterior cover profiles
Aluminum and wood

Post width
Most common post width (Recommended)
50mm (1.968")

Also available in these post widths
60mm (2.362")
80mm (3.149")
100mm (3.937")

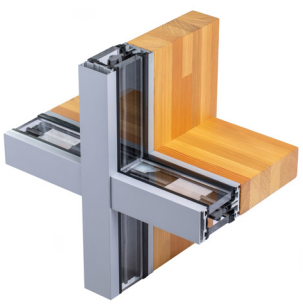
Wood Species
European Furniture Grade Posts (prefinished)

Alder	Pine
Fir	Spruce
Mahogany	LVL
Oak	Chip Board (like OSB)

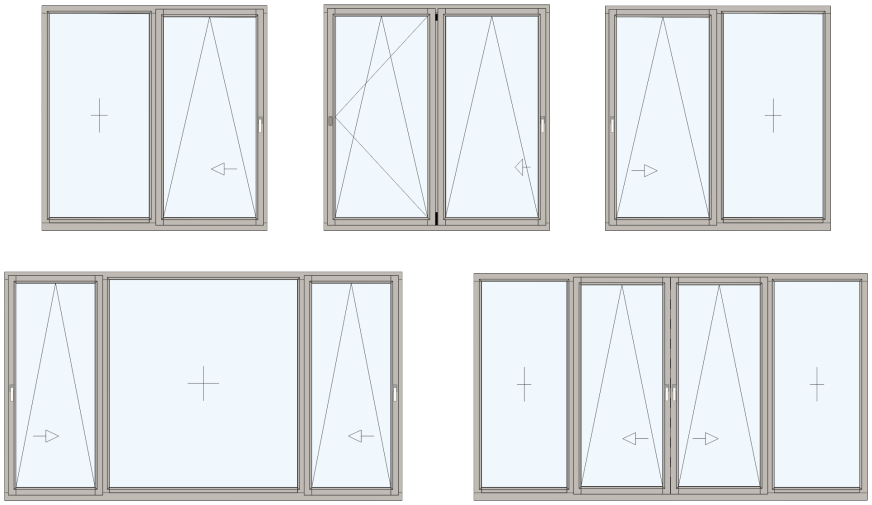
Domestic Suppliers in Furniture Grade Posts
Bamboo

Domestic Suppliers in Architectural Grade Posts

Alaskan Yellow Cedar	Southern Yellow Pine
Coastal Douglas Fir	Port-Orford Cedar
Eastern White Oak	Modified Thermal Wood
Western Red Cedar	

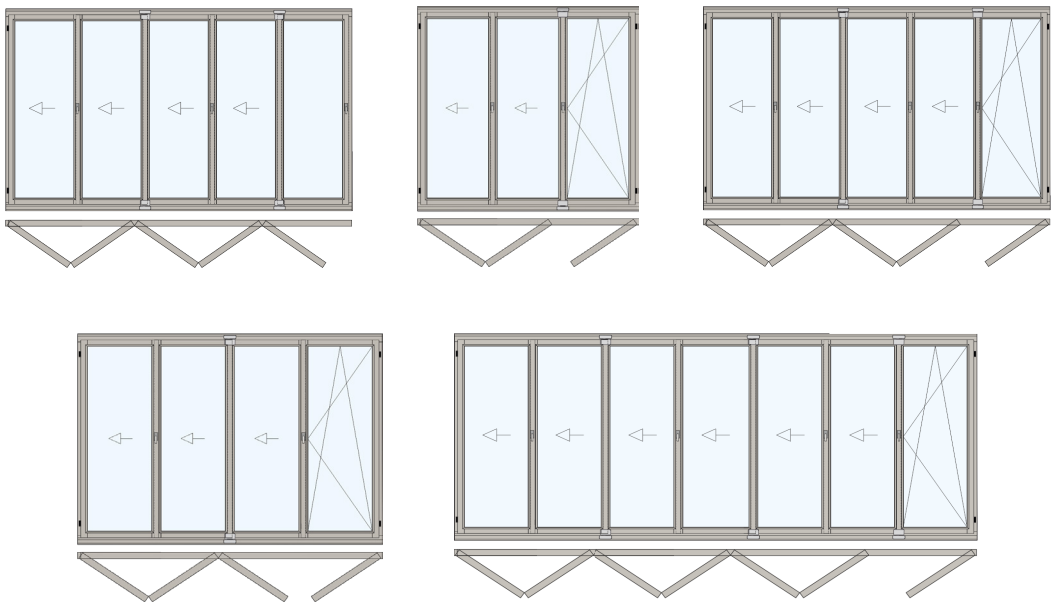


Tilt-Slide Door Configurations



Lift-Slide Door Configurations

Folding Door Configurations



Target Sizes For Windows and Doors

General Reference Only

	Minimum		Maximum	
Windows	*Width*	*Height*	*Width*	*Height*
Fixed Glass	15.16	15.16	157.87	157.87
Fixed Frame	15.16	15.16	157.87	157.87
Single Tilt/Turn Window	16.14	15.28	63.58	103.74
Side Hinge Casement	23.62	23.62	38.70	66.25
Sliding Hinge Casement	14.17	15.47	35.15	66.25
Crank Out Casement	14.17	15.47	34.00	66.25
Hopper	17.44	17.10	95.20	103.74
Awning	17.44	17.10	62.32	62.32
Reversible	17.44	21.30	64.50	64.41
Dual Tilt/Turn with Post	30.16	19.61	125.75	103.74
French Tilt/Turn	30.00	22.36	113.56	98.82
Corner Window	15.16	15.16	78.75	98.50
Doors	*Width*	*Height*	*Width*	*Height*
Entry	25.00	69.71	44.00	96.00
Tilt/Turn Patio Door	16.14	71.57	63.58	103.74
Turn-Only Patio Door	25.00	69.71	49.61	103.74
Out Swing Patio Door	25.00	69.71	49.61	103.74
Dual Tilt/Turn with Post	33.94	71.57	125.75	103.74
French Tilt/Turn	30.00	71.57	113.56	103.74
Outswing Double Door	45.04	69.88	93.90	103.74
Tilt/Slide	56.56	32.36	157.87	98.00
Lift/Slide	78.75	78.75	264.00	120.00
Folding	30.00	47.95	372.00	120.00
Four Panel Lift/Slide			528.00	120.00

Curve

Minimum bending radius is 17" or arch height less than 3.5" on most aluminum profiles.

Note

Please note: the sizes listed above are target sizes for common aluminum-clad products only. Sizes vary based on the profile selection and design parameters. Please contact Hawkeye Windows at 800-701-3220 for specifics regarding your designed elements. Likewise, for limit sizes for wood windows and doors, vinyl composite windows and doors or aluminum clad vinyl, contact our office.

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