



Bildau & Bussmann

High-Performance Wood/Wood-Aluminum Windows & Doors



- Built-to-Order
- Infinitely Customizable
- Triple or Double Pane
- Perfect for Historic Reproductions
- Hurricane Rated
- Sliding & Entry Doors
- Screen & Shade Options
- Motorized & Custom Hardware Available
- Passive House & Super-Insulating Units available

Bildau & Bussmann

Wooden Window Manufacturers



A real manufacturer is not just an assembler an even more important distinction when it comes to wood windows. Making profile blanks in-house and controlling the quality is critical. Bildau goes as far as sustainably harvesting their own Siberian Larch, processing the wood at their sawmill in Russia.

Based in Germany for 30 years and delivering projects of all sizes to Europe, Asia, and North America, Bildau & Bussman is one of Europe's premier window manufacturers.



Eco Supply grew out of a fabrication business. We've sold material to fabricators, case workers, and fine architectural millworkers for more than a decade. After seeing Bildau & Bussman's factory, and meeting their personnel, we now fully understand how they produced our large, complex projects with such ease.



CNC profiles allow for unlimited custom frames and hardware, but in standard 79mm frame size, Bildau & Bussman uses a company built profiler to make 1000 units per two shift day. In a 79mm triple pane window profile, we are competitive even versus uPVC for large, complex or colored units.



Bildau & Bussman also handcrafts curved and gracefully arched doors with the same level of detail as a small shop. Historical recreations and landmark projects are a specialty.



Learn more about the company and factory: <https://www.ecosupplycenter.com/pdf/bildau-image.pdf>

BASE OPTIONS FOR YOUR WINDOWS AND DOORS:

WOOD OR ALUMINUM CLAD WOOD: We advise choosing Larch, Meranti or White Oak for wood windows without aluminum cladding. Siberian Larch wears the best, surpassing mahogany in terms of weather resistance. Any aluminum profile can be added to any species of wood.

<https://www.ecosupplycenter.com/aluminum-clad-wood-versus-wood>

Wood Species	Larch	Spruce	Fir	Meranti	White Oak
Price	\$\$	\$	\$	\$\$\$	\$\$\$\$
Weather Resistance	Exceptional	Good	Good	Very Good	Very Good
Insulating Value	Good	Good	Best	Good	Fair

All the species paint well but Meranti stains better than the coniferous wood and - in our subjective opinion - White Oak will stain the best.

PROFILES: 68mm (2.68"); 79mm (3.11"); or 90mm (3.54")

SIZES: With standard insulated glass, we can make your windows 8' 10" x 16' 5" and when using tempered or laminated glazing 10' 6" x 19' 8" windows and doors can be built.

GLAZING & INSULATION: With a Larch/Spruce frame for a window 4' x 5': All St. Gobain options are available including textured glass, frosted, colored, tempered and security laminated. For more patterned St. Gobain DECORGLASS options: http://bildau.de/new/?page_id=2739&lang=en

Glazing options UG - BTU/h*ft ² *F	68mm	79mm	79mm Alu Clad	79mm - Mira Therm	90mm
Just frame : UF - BTU/h*ft ² *F	0.22	0.2	0.18 / R-5.55	0.14	0.18
With Krypton Triple Pane: Ug - 0.07	-	0.13	0.13 / R-7.69	0.12	0.13
Argon Triple Pane high SHGC: Ug - 0.11	-	0.15	0.15 / R- 6.67	0.13	0.15
Argon Triple narrow unit : Ug - 0.12	0.17	0.17	0.16 / R-6.25	0.15	0.16

[R-value is equal to 1 / U-value and the U-value of the spacer is included in this calculation. The u-value will increase with operable units and decrease with units larger than 4'x5']

For our u-value calculator visit: <https://www.ecosupplycenter.com/windows-u-value-calculator>

COLOR: Aluminum profiles in RAL colors, swatches available via our reps or Amazon.

Bildau uses the Sikksens Joinery Classic Colors or Cetol 950/955 on wood which include translucent stains with UV-protection. Any opaque color is available.

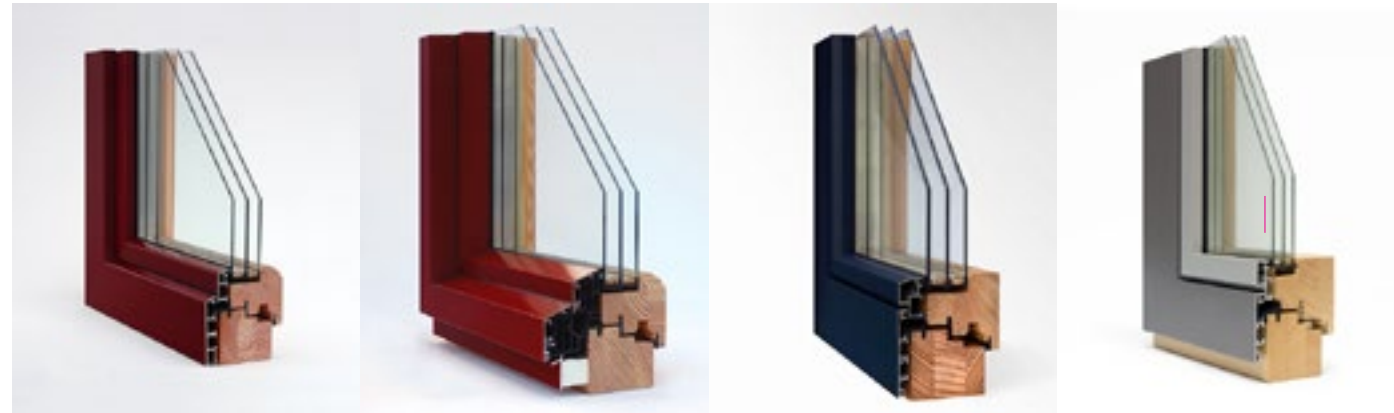
<https://www.ecosupplycenter.com/wood-window-colors/>

Using Sikksens Cleaner and Care Lotion in Spring and Fall gives the owner a 10 year coating and paint warranty.

<https://www.ecosupplycenter.com/wood-window-care/>



ALUMINUM CLAD WOOD WINDOWS



Mira

Mira Therm

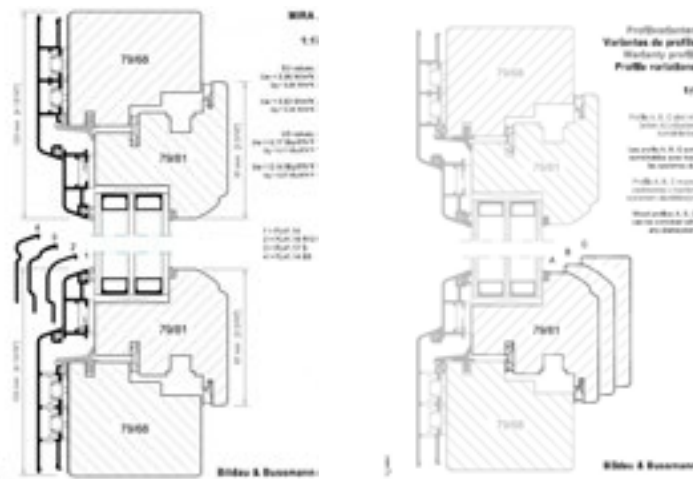
Contour VFM

Contour VF



Contour FL

Contour Integral



For all aluminum clad sections in PDF and CAD format, please visit:
<https://www.ecosupplycenter.com/downloads/>

WOOD WINDOWS



IV79/90 Standard

Historic All Wood

Historic Double Hung

Spree



Mira Swiss

WOOD: Standard wood and lite-clad are 20-25% less expensive than full aluminum clad wood. Properly positioned, installed and cared for they will last as long or even longer. Siberian Larch is the secret to this longevity.

HISTORICAL: Historic double hung comes in double pane, triple pane and also simulated double hung, with a tilt turn French casement-style opening mechanism. We can produce real divided lites, visible chain systems, European single-hung and Passive House suitable historical styles.

For more on these and other historic options please visit:

<https://www.ecosupplycenter.com/triple-pane-historic-windows>

DOORS: WOOD OR ALUMINUM CLAD

ENTRY DOORS: We can make any entry door you can dream or draw.

SLIDING DOORS: Lift and slide in 18' x 10' for single units and 35' x 10'+ for units with more than one operable leaf.



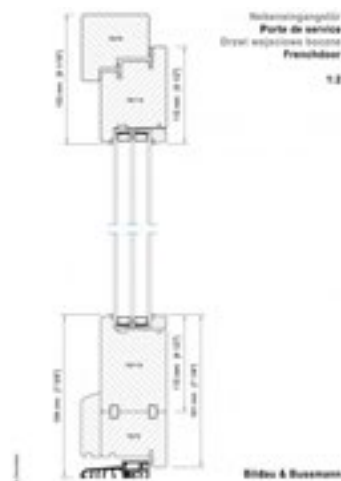
Entry Door



Lift & Slide



Folding Door



FOLDING DOORS: Bildau sources a number of folding door tack systems depending on the application. In the right scenario, you could fold away an entire wall of windows.

FRENCH DOORS: One of our unique systems is a tilt and turn French door. When tilted there is fresh air flow but no access from outside. Full operation allows for both units to open like a traditional glass French door. Add this to a door-sized standard tilt turn tempered window, and you can have a three unit set that opens fully, at a fraction of the price of many standard domestic sliding units.

HURRICANE PROGRAM: Bildau has tested a wide variety of very large windows and doors to Miami Dade and all ASTM standards. These include large and normally vulnerable units: French door, 86" x 120"; Lift & Slide (XOX) 220"x120"; Single tilt turn operable windows, 41" x 96"; Direct set picture windows, 90"x120".

To see a gallery of door examples please visit

<https://www.ecosupplycenter.com/brands/bildau-and-bussmann>



ecosupply

Building Solutions for a Better Tomorrow

Eco Supply is a distributor of Bildau & Bussmann products as well as many other sustainable and Passive House products.

Eco Supply
2115 Westmoreland Street
Richmond, VA 23230

718-218-6737
800-883-7005

orders@ecosupplycenter.com