

CUSTOM ARCHITECTURAL WINDOWS AND DOORS

“OUR PEOPLE,  
YOUR DREAMS...”



[www.megawood.com](http://www.megawood.com)



**Megawood**



**Megawood  
+ Aluminum**



**Megawood  
+ Bronze**



**Fenevations**<sup>LLC</sup>

[www.fenevations.com](http://www.fenevations.com)

## Megawood's custom window and door systems have built in features for unmatched quality, performance, beauty and design flexibility

### WOOD SPECIES

Mahogany, Teak, Oak, Walnut, Cherry, Maple or any other fine hardwood is possible without compromising the integrity of the system. Only the finest Pattern Grade lumber is used to assure straightness and quality. You can even have different wood species on the same window or door (outside species different from inside species).

### EXTRUDED METAL EXTERIORS

Aluminum or bronze exterior framing and sash systems are available for projects with special durability or aesthetic requirements. The aluminum framing is fully welded at the corner joints leaving no unsightly visible seams, and the bronze exterior can be finished in various stages of chemically induced patinas, or can be left to naturally age over time.

### NOT CLAD, FACED

Megawood+Aluminum™ and Megawood+Bronze™ are NOT clad. We replace the exterior wood profile with heavy metal extrusions. We call it aluminum or bronze faced as it is far superior to cladding.

### FINISHES

All Megawood™ products are factory finished for complete responsibility, durability and protection. You can have split finishes, custom colors, UV-resistant stains and wonderful patinas; all to match your building pallet. Finishing is no longer a headache or an afterthought.

### GLASS

Extra thick 1-1/4" double paned insulating glass is the standard. This extra thickness allows for the largest windows and doors in the industry. Individual glass panes may be tinted, reflective, Low-"E", laminated, fully tempered, heat strengthened or as otherwise specified to meet the design requirements of the project.

### STRUCTURAL GLAZING

Sash profiles remain thin and elegant due to structural silicone bonding of the insulating glass to the sash. This creates a monolithic construction between sash and glass providing strength and acting against any sagging, twisting and bowing of the sash frame. An aluminum reinforcing angle is buried within the glazing pocket to strengthen the sash and to act as a stable bonding surface for the structural silicone used to attach the insulating glass.

### FLUSH CONSTRUCTION

You can have the most elegant flush construction regardless of the window or door operation. We don't use overlapping sashes and frames to mask crooked joints because Megawood™ windows are beautifully crafted and can never sag. Both sash and frame are flush and on the same plane, leaving consistent reveals for a clean, modern profile.

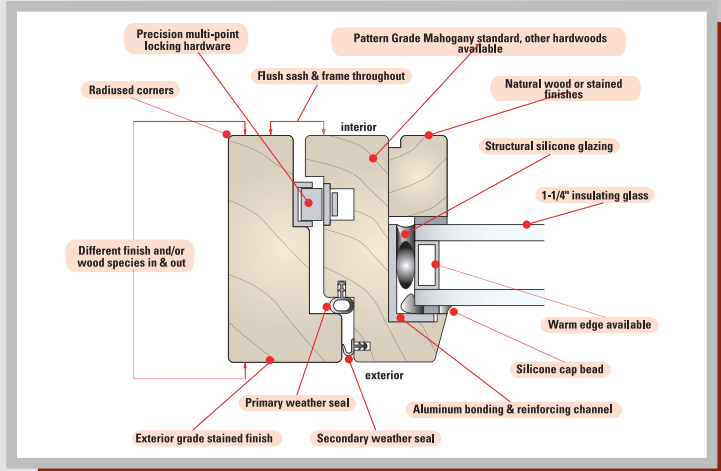
### THIN SIGHTLINES

Less is more! Megawood's™ specialty is providing the thinnest possible face sightlines at operable window and door framing as a natural element of its design. Less frame means more glass area, for more light to the inside and more view to the outside.

*11' tall solid mahogany French door pairs with slender 3/4" muntins and chrome hardware surround this formal living area.*



NYC residence (Bryce Saunders Architecture/Design)



### HUGE OPERABLES

Structural glazing is the secret to enormous operable windows and doors. High modulus silicone allows the glass to support the wood instead of the wood supporting glass. The window/door cannot sag no matter how large because the glass will not parallelogram. 5' wide windows and 12' tall doors are easily accomplished, all with ultra-thin frames!

### WINDOW WALLS

Windows and doors can be combined into larger openings to form elegant window walls of unprecedented height and width due to the strength provided by steel mullions buried between the frames. These are not separate added-on steel stiffeners surrounded by massive, bulky and boxy built-up mullions as offered by other window manufacturers, but a slim steel skeleton designed into the Megawood™ system.

### FUNCTIONAL FLEXIBILITY

Megawood's™ completely modular system lets you interchange any function (casement, hopper, tilt-turn, etc.) in any location while maintaining the same sightlines, the same rigidity and the same strength as any other arrangement. This feature allows complete flexibility without sacrificing design considerations.

### PERFORMANCE

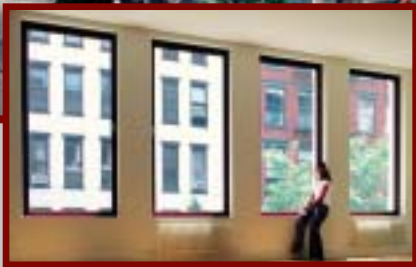
Two continuous lines of extruded silicone rubber gaskets provide an airtight and waterproof seal. Precision multi-point locking hardware is standard, and is buried within the frame for unseen high-level operation and security. These features, combined with the best materials and expert craftsmanship assuring consistently straight joints and square sashes every time, result in products that easily exceed industry standards for air and water infiltration and structural performance.

### SPECIAL APPLICATIONS

You dream it... We build it. Don't feel constrained by the examples in this catalog. This system allows you to design whatever you want. We'll provide it with no compromises in design, execution or performance.

*Custom Mahogany fixed and lift and slide panels.*





Megawood+Aluminum™ windows were specified in these exclusive apartments for unmatched exterior durability combined with interior beauty. Window openings contain huge 5' wide by 7' tall in-swing casements with extremely thin sightlines for optimal views and light.



Court Building, Albany, NY (DeWolff Partnership Architects)

Custom designed Megawood+Bronze™ windows are a unique replacement for the 12' tall original bronze double hung windows. A fixed over tilt-turn window with offsetting glass planes met the stringent Landmark's historical requirements.



NYC Penthouse, (Rogers Marvel Architects)

Fixed windows, hoppers and 10' tall french doors combine to form a stunning Megawood+Aluminum™ penthouse window-wall with slender mullions and a butt-glazed corner to make the most of the Hudson River and city views. Narrow hardwood interior framing was finished with a rich mahogany stain.



University Building, Lexington, VA (VMPO Architects)



Southampton, NY residence (Luminetik)

Huge operable windows and doors with thin framing are standard Megawood™ features that accentuate this modern design. Extra-wide swing doors and 11' wide lifting-sliding doors blend seamlessly with fixed, tilt-turn and hopper windows throughout all elevations of this residence.



University's architect specified Megawood+Aluminum™ fixed windows with simulated muntins including a special design to make a single window appear to be four. Awning windows with push-arm hardware were used in the computer center and meeting rooms. 10' wide by 10' tall out-swing door pairs turn the lower level cafeteria into an outdoor bistro in good weather.





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We draw it.

We manage it.

We field measure it.

We manufacture it.

We inspect it.

We deliver it.

We install it.

We stand behind it.

**.....and that is how**

***"Our People Make Dreams Happen"***

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manufactured  
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