

THE BEAUTY OF REAL WOOD. THE ADVANTAGES OF A COMPOSITE.



MikronWood™ is a revolutionary new material with real wood laminates that offers the weather-resistant, no-maintenance advantages of a composite.

The solid-core material is a blend of thermoplastic alloy resins that includes both PVC and acrylic-based polymers. This unique resin combination can't absorb moisture, so it provides a very stable material that's ideal in cold, high-heat and high-humidity climates.

SUPERIOR TO WOOD

MikronWood offers wood's beauty with these advantages:

- **63% better thermal value**
- Impervious to moisture and humidity
- Rot-proof
- Impervious to insects
- Doesn't support fungal growth
- Dent-resistant
- Integral, durable SuperCapSR™ exterior colors with superior durability to paint
- Pre-finished interior colors or real wood veneers
- Superior screw retention
- 20-Year profile warranty

Innovative Technologies. Superior Performance.

SUPERIOR TO FIBERGLASS

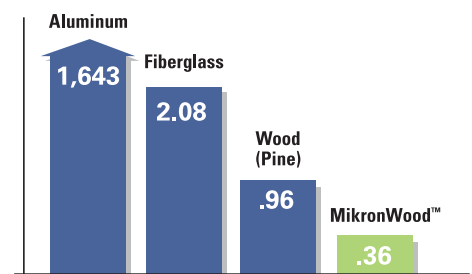
MikronWood's offers these advantages over fiberglass:

- **78% better thermal value**
- Easier and more cost-efficient fabrication and installation; diamond-tipped blades are not required
- Tighter, better looking corner joinery
- Weldable, so no caulking required
Results in less installation liability
- Pre-finished; does not require painting
- Recyclable
- Circular and bent shapes are possible
- SuperCapSR™ colors with superior durability to paint

SUPERIOR THERMAL PERFORMANCE

MikronWood's solid core offers better thermal performance than any other window frame material.

Thermal Conductivity (K-Value)

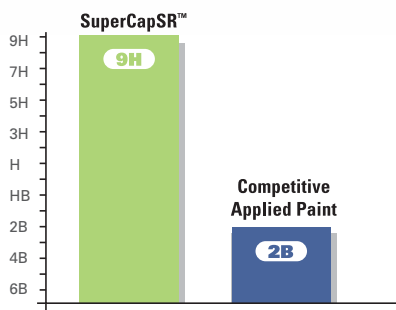


SUPERCAPSR™ EXTERIOR COLOR TECHNOLOGY

Innovative patent-pending SuperCapSR™ is a result of military infra-red reflective technology, which reflects 76% of infrared light to reduce solar heat and prevent heat-related profile distortion.

The integral, fused color layer is 12X harder and more durable than competitive applied paint.

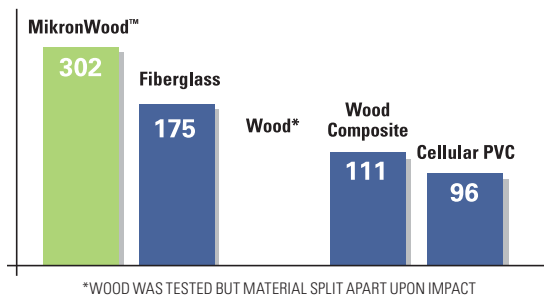
Pencil Hardness Scale



SUPERIOR DENT RESISTANCE

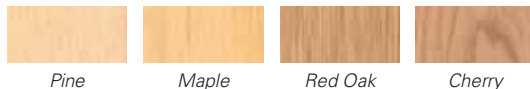
MikronWood™ with SuperCap™ surface technology offers superior impact strength and dent resistance.

Impact Strength (in-lb./in)



REAL WOOD INTERIOR VENEERS

MikronWood™ profiles are available with a choice of several real wood veneers to provide the beauty of wood with all the advantages of a composite.

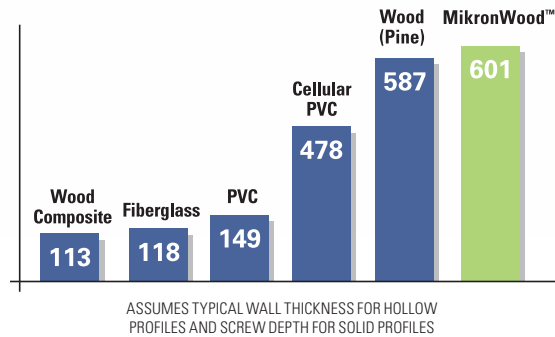


To learn more about Mikron, visit www.mikronvinyl.com

SUPERIOR SCREW RETENTION

MikronWood™ with SuperCap™ provides superior screw retention, (ASTM D1037).

Screw Retention (lbs./in., face)



RESISTS WATER ABSORPTION AND SWELLING

Testing shows that MikronWood™ absorbs 44 times less water than wood, and 40 percent less than a leading wood composite (ASTM D570 methodology, materials submerged for a three-week period).

Water Absorption

Frame Material	Absorption (% Mass)
MikronWood	2.1%
PVC Composites	2.4%
Wood (Pine)	93.2%
Wood Composite	3.5%

STYLES AND CONFIGURATIONS

All window and door products are available with new construction frame depths (4 9/16"). Double-Hung, Picture, and Casement/Awning are available in 3 1/4" depth pocket frames for replacement applications. System products include:

- Casement/Awning
- Tilt Double Hung Window
- Direct Set Picture Window
- Flanker and Transom Picture Windows to match Casement and Double Hung Frames
- Horizontal Slider
- Double Slider
- Bay and Bow Windows
- Multi-panel Sliding Patio Door
- Multi-panel In-swing Patio Door