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M Sora European Windows

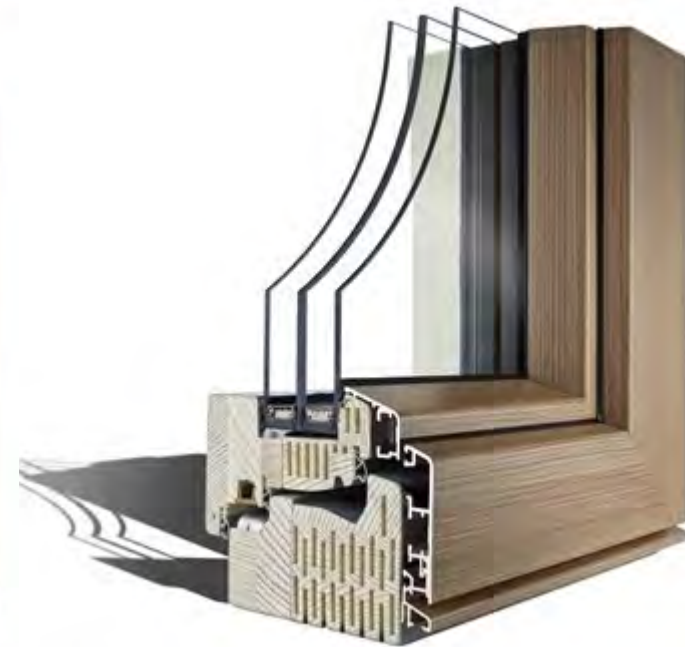
High Performance Fenestration Products / Passive House Certified
Offering the widest selection of Passive Certified European residential & commercial products for over
60 years.....now available in The United States.



Comfort E 92



Comfort Passive



Comfort E 112



M Sora Clad European Windows

High Performance Fenestration Products /Passive House Certified

Offering the widest selection of European residential & commercial products for over 60 years.....now available in The United States.

Traditional in swing tilt & turn; Push out tilt & turn; Manual & electric screens; Lift & slides; bi folding doors; pocketing sliders; French doors; window walls.

All wood species including Accoya. the most stable wood on the market with a 50 year warranty. All wood hand selected, no finger joints, furniture grade.

Wood sourced from FSC/PEFC forests (Certification available upon request) Manufactured with 3 ply cross grain laminate for strength & stability.

Passive House certified windows with the lowest carbon footprint available. Available in dual, triple and quadruple glazing, tempered or laminated.

500+ RAL colors plus custom colors. Seamless powder-coating finish; Clad attached with thermally broken clips, multiple cladding widths available for minimal aesthetics & exposed reveal. Sub frames available for installation after all exterior plaster/stonework completed.

M Sora
Aluminum Clad/Wood
Specifications

| Clad/Wood glass type | Passive House | Glass/gas | Glass thickness & air space mm | "U" Value | "R" Value | Installation Depth inches | Visible width Inches | Visible light Transmission | Reflected Light | SHGC (0.25-0.63) | Low e | STC/sound (33-44dB) |
|-----------------------------|---|--------------|-----------------------------------|--------------|--------------|------------------------------|-------------------------|-------------------------------|--------------------|---------------------|---------|------------------------|
| Comfort | | | | | | 3.307" | 4.213" | | | | | (33-36) |
| Ug = 1.1 | | Dual/argon | 4/16/4mm | 0.229 | 4.36 | | | 80% | 12% | 0.62 | 1 side | |
| Ug = 1.0 | | Dual/argon | 4/16/4mm | 0.211 | 4.73 | | | 69% | 20% | 0.52 | 1 side | |
| Comfort 3 | | | | | | 3.307" | 4.213" | | | | | (33-42) |
| Ug = 0.7 | | Triple/argon | 4/12/4/12/4mm | 0.169 | 5.91 | | | 72% | 15% | 0.5 | 1 side | 32 |
| Ug = 0.6 | | Triple/argon | 4/14/4/14/4mm | 0.156 | 6.41 | | | 72% | 15% | 0.5 | 1 side | 32 |
| Ug = 0.5 | | Triple/argon | 4/18/4/18/4mm | 0.146 | 6.84 | | | 72% | 15% | 0.5 | 1 side | 33 |
| Comfort 3Q | | | | | | 3.307" | 4.213" | | | | | (32-42) |
| Ug = 0.7 | | | | | | | | | | | | |
| Ug = 0.6 | | | | | | | | | | | | |
| Ug = 0.5 | | Triple/argon | 4/18/4/18/4mm | 0.141 | 7.09 | | | 72% | 15% | 0.5 | 1 side | 32 |
| Comfort Passive | | | | | | 3.307" | 4.134" | | | | | (32-42) |
| Ug = 0.7 | | | | | | | | | | | | |
| Ug = 0.6 | | | | | | | | | | | | |
| Ug = 0.5 | | Triple/argon | 4/18/4/18/4mm | 0.135 | 7.4 | | | 72% | 15% | 0.5 | 1 side | 32 |
| Comfort E 92 | | | | | | 4.252" | 4.409" | | | | | (32-44) |
| Ug = 0.7 | | | | | | | | | | | | |
| Ug = 0.6 | | | | | | | | | | | | |
| Ug = 0.5 | | Triple/argon | 4/18/4/18/4mm | 0.125 | 8 | | | 72% | 15% | 0.5 | 1 side | 32 |
| Comfort E 112 | | | | | | 5.039" | 4.37" | | | | | (32-44) |
| Ug = 0.7 | | | | | | | | | | | | |
| Ug = 0.6 | | | | | | | | | | | | |
| Ug = 0.5 | | Triple/argon | 4/18/4/18/4mm | 0.116 | 8.62 | | | 72% | 15% | 0.5 | 1 side | 32 |
| Energy Star | | dual/argon | | 0.30 to 0.60 | 1.7 to 3.3 | | | n/a | n/a | 0.2 to 0.4 | | n/a |
| Std. American Window | | dual/argon | | 0.31 to 0.88 | 1.1 to 3.2 | | | 15% to 60% | n/a | 0.2 to 0.4 | 2 sides | 26 to 28 |
| U Values | measures the amount of heat loss in the entire window unit. The lower the figure, the more efficient the unit is in insulating the building. | | | | | | | | | | | |
| SHGC | Solar Heat Gain measures the amount of heat transferred from the sun through the glass into the interior. Higher figures are more efficient in keeping out the heat from the sun. | | | | | | | | | | | |
| Visible light | Measures the percentage of visible light that passes through the glass. The higher the figure, the more visible light in the room. | | | | | | | | | | | |