

Lumira® Aerogel Filled 25mm Multiwall Polycarbonate Panel

Comfortable, Diffused Daylighting with Superior Thermal Performance

What is Lumira® Aerogel?



Lumira aerogel is a major breakthrough in insulating technology. By adapting nano technology to practical everyday

solutions in fenestration products, Lumira aerogel is able to provide a tremendous thermal insulator that is also environmentally sound. Lumira aerogel works so well because of what it does on a nano-scale. Lumira aerogel permanently stops connective, conductive, thermal transfer without an appreciable drop in light transmission.

- Superior thermal performance
- Glare-free, full spectrum diffused light
- “Green” product that’s perfect for Cradle to Cradle designs
- Completely moisture resistant
- Will not support growth of mold, mildew, or fungus
- Reduces sound transmission
- UV stable
- Performance will not deteriorate over time

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Performance:

U-value	.16 Clear, Lumira Aerogel Filled (per NFRC)
Light transmission	49% Clear, Lumira Aerogel Filled
SHGC	.54 Clear, Lumira Aerogel Filled (per NFRC)
Impact resistance	UL 972 ASTM 822-92 Hail Impact
Flame Spread	0 Flame, ASTM E-84 / UL 723, CC1 Rated
Smoke Development	120 Smoke, Class A, Class 1
Color change	Less than 10 pts after 10 years – ASTM 1925
Deflection	L/175

Wasco’s Horizon Polycarbonate Systems

Canopy • Vault • Structural • Vertical • Unit

Wasco’s cellular, polycarbonate skylight design is a dry glazed, daylighting system with proven energy saving solar and thermal properties. The translucent Horizon System is constructed of lightweight, impact resistant, UV protected polycarbonate panels that are easy to install.

