

**Aerogel Glazing Option**  
**June 26, 2012**

Versico has added super-insulating silica aerogel-filled structural polycarbonate panels as a glazing option in its SunWeld skylight product line. Low-density aerogel is a solid-state, semi-transparent material with excellent insulating properties that effectively diffuses light.

In its granular form, aerogel helps improve the thermal efficiency of skylights by enhancing the glazing's U-Values. Versico's SunWeld aerogel-glazed unit utilizes a flat inner panel of 16mm structural aerogel-filled polycarbonate, in combination with an outer dome thermoformed from prismatic acrylic. This proprietary combination of light-transmitting materials results in a glazing system that features a U-Value of 0.17 (R 5.88), a VLT (Visible Light Transmission) percentage of 48%, and a SHC (Solar Heat Gain Coefficient) factor of 0.42.

This high-performance glazing is available on both curb mount and self-flashed units. The SunWeld aerogel unit meets the most rigorous thermal requirements without sacrificing a high level of diffused visible light.

Please ensure that your authorized contractors are aware of this addition to Versico's product lineup. If you have any questions regarding this introduction, please contact me at 717-245-7315 or [ken.laremore@carlisleccm.com](mailto:ken.laremore@carlisleccm.com).

Sincerely,



Ken Laremore  
Skylight Product Manager