



June 2008 E-newsletter

Subject: Double daylighting savings with...

the aerogel advantage.

Hello! Yes, it's not too good to be true.

When you add Nanogel® translucent aerogel to a 16mm triplewall translucent polycarbonate panel, the U-value goes from 0.42 to 0.23 and R-value increases from 2.44 to 4.4. The shading co-efficient goes from 0.86 to 0.58. Yet you retain up to 50% diffuse light transmission.

And that's just one example. Achieve up to R-value 10 in a single-glazed system, up to 12.5 in a double-glazed system. Custom combinations offer even more.

If you've heard about Nanogel®, you know it's one of today's most exciting advances in architectural daylighting. If you haven't, here goes.

Add Nanogel® to Duo-Gard's systems and you gain all the following advantages:

- + Design with more daylight as you meet changing energy codes.
- + Increase thermal insulation: R-value 8 per inch of thickness.
- + Reduce HVAC loads in building's design.
- + Reduce need for electrical lighting.
- + Reduce solar heat gain and glare.
- + Reduce noise levels.

Add all this to the increased occupant comfort and productivity that results from the proven benefits of natural light without the negatives of glare and heat gain.

And although Nanogel® appears translucent, it's actually green – really green!

Nanogel® is a dry, porous, silica particulate, 97% air, completely recyclable, totally non-toxic, non-combustible and eco-friendly. **Best of all, it's Cradle-to-Cradle Certified.**

Duo-Gard is one of the few companies able to offer you the aerogel advantage in architectural daylighting. Call us at 800-872-4404 and let's talk about what Nanogel® can add to your design.

Ask us for a sample panel so you can see for yourself!

Best regards,

David Miller
President