

The Only Eco-Insulation for High-Performance Daylighting

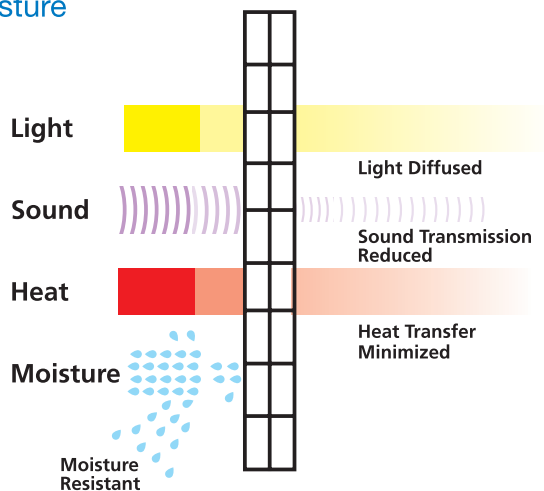
How Nanogel Works

Surface Chemistry;	Fully Hydrophobic
Light Transmission: :	75% per cm
Porosity:	≥ 95%
Thermal Conductivity:	R-value of 8/inch
UV stable:	> 20 years

No performance degradation over time
Non-combustible with no smoke generation

Nanogel Features:

- Limits heat transfer
- Absorbs sound
- Transmits light
- Resists moisture



- Nanogel has a very small pore size of approx. 20nm.
- It is 5% solid and repels water.

Thermal Insulation

Nanogel aerogel's porous structure significantly reduces the conduction and convection of heat, making it an excellent thermal insulator.

Light Transmission

Light is diffused through Nanogel aerogel's translucent, porous structure, allowing an even dispersion of light.

Acoustic Insulation

Nanogel aerogel's porous structure slows down the speed of sound, reducing sound transmission.

Permanence

Nanogel aerogel's surface treatment prevents color change, resists mold and mildew, and will have no performance degradation

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