

July Newsletter 2011



This month we had a customer inquire about designing a skylight in a room with expensive paintings. He needed to protect the paintings from the UV rays and any damage or color change that could be done by the sun. It didn't matter how expensive the product was as long as the results were achieved.

Our recommendation is below:



“Thank you for taking the time to discuss your skylight application with me. As I understand, you are hoping to build a skylight in a room that will store paintings and you would like to prevent damage by reducing the Ultra Violet light entering the room. On the other hand, you would like to gain as much as possible natural light, with maximum diffusion”



“We would recommend our 25mm triple-wall panel in clear, with the Lumira™ (previously known as Nanogel) aerogel filling. The clear panel because we want to let a significant amount of natural light into the room (or else, why to have a skylight). That panel will be UV coated on both sides, and most of the UV will be blocked by the polycarbonate. The remaining light will be diffused by the Lumira™ creating a softer light and equally distributing the amount of light in the room.”

“We would like to assume that with 25mm clear with Lumira™ we will be close to zero UV penetration, and the UV light that does enter the room will be diffused evenly, thus reducing any “damage spots” on the paintings.”

We are happy to provide you with any literature or samples of this product, please do not hesitate to contact us with any questions that you may have. You can check out our product line by visiting our website.

Best Regards,

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