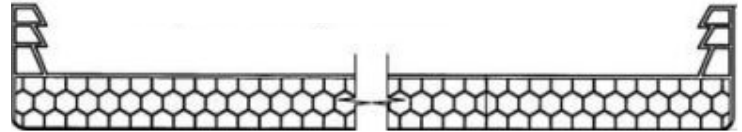


Pentaglas® 12 mm Glazing Panel

UV Protection, Co-Extruded on both sides
Nano-Cell®, Honeycomb (3 cell structure)



Solar and Thermal Performance, and Colors Data

Pentaglas 12 mm Description	Visible Light Optical Properties		Calorimeter Test per NFRC/ASTM Calorimeter Standard		UV Trans.	Insulation 'U' Factor per NFRC-100
	LT %	Reflectance	SHGC	SC		
Panel Color	LT %	Reflectance	SHGC	SC		
Clear	71	0.22	0.74	0.85	< 0.01	0.48
Ice White	66	0.30	0.65	0.75	< 0.01	0.48
White	38	0.50	0.42	0.48	< 0.01	0.48
Green	64	0.20	0.68	0.78	< 0.01	0.48
Bronze	57	0.17	0.64	0.74	< 0.01	0.48
Blue	60	0.20	0.67	0.77	< 0.01	0.48
Reflective Grey	36	0.22	0.48	0.55	< 0.01	0.48
Dk. Refl. Grey	20	0.33	0.31	0.36	< 0.01	0.48
Dense White	16	0.58	0.26	0.30	< 0.01	0.48

Color tint variations affect the solar and thermal properties of the glazing. Color tints may be adjusted or customized to achieve other desired solar, optical, and solar heat gain coefficient performance results.

1. The visible optical properties were measured using a Licor visible light meter, and a blackened TRA box, under clear sky conditions, with the sun as the energy source, following the ASTM E-972-88 standard
2. The solar heat gain coefficients/shading coefficients were calculated and based on tests measured using two side-by-sides, water-flow solar calorimeters
3. The UV transmittance is measured using a blackened TRA box and the Epply UV Sun & Sky radiometer and the sun as the energy source
4. The 'U' Factor of the glazing panel is tested per NFRC-100 procedures
5. Data are for center of glazing

For additional information, please call us at 1-800-759-6985