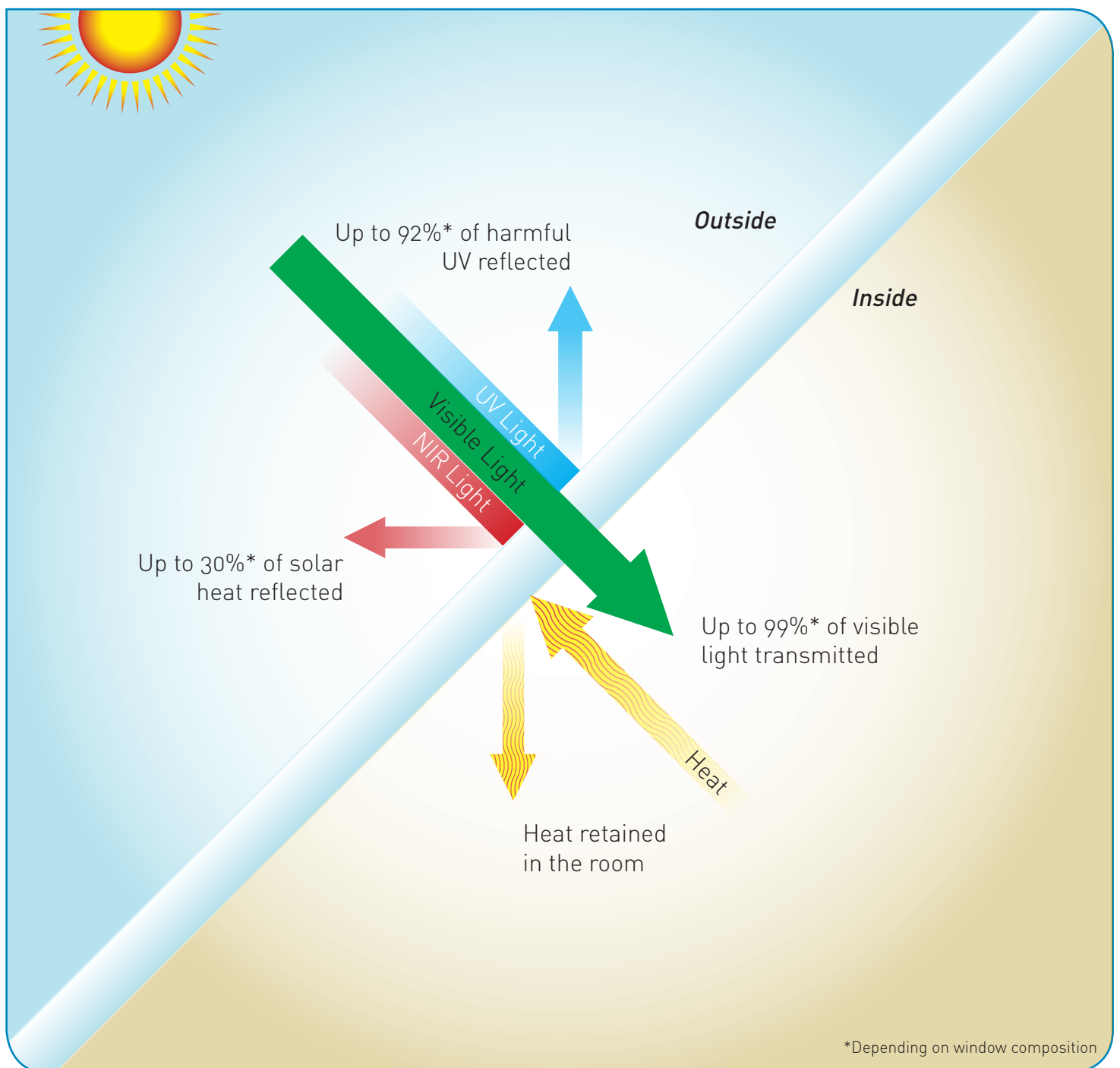


Introducing the Window of the Future

Low-E glass has established itself as an essential feature in today's residential construction to retain long-wave red radiation inside buildings. Solar Control coatings, on the other hand, are used to prevent Near Infra-Red waves from entering the buildings by reflecting them. Combined, however, these coatings reduce the visible light transmittance of the glazing.

Now GroGlass offers the solution - state-of-the-art product "Diamond™ AR/Low-E/NIR block" - provides the option of combining all the coveted features in one glazing - Low-E, Solar Control, Anti-Reflection and in some customized applications even a UV block.

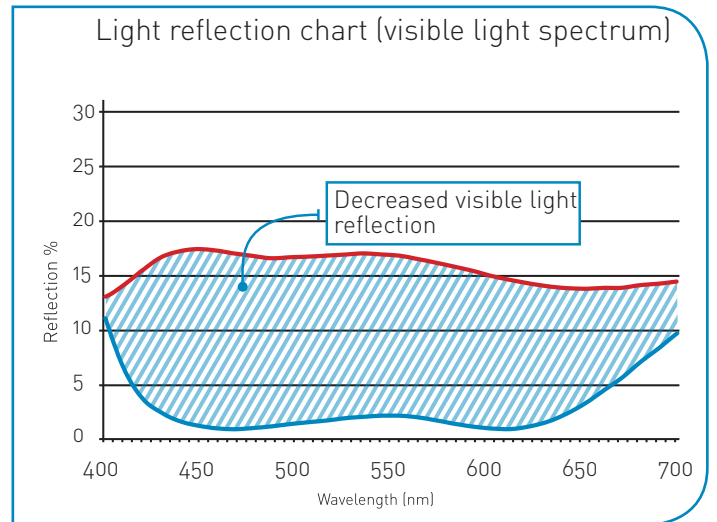
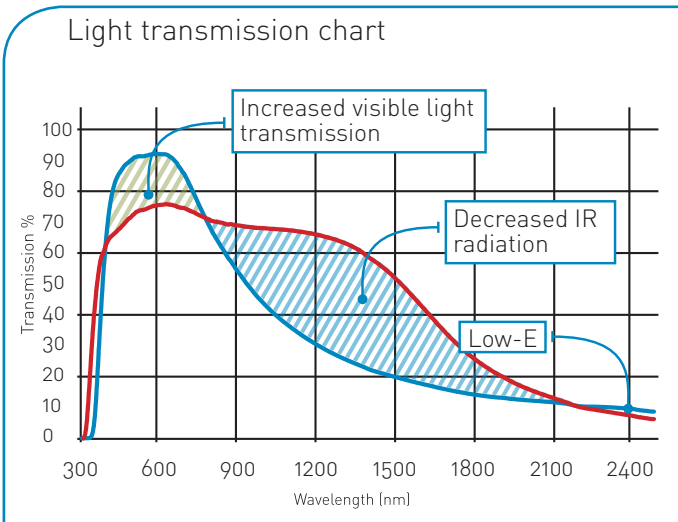


*Depending on window composition

Diamond™ by GroGlass advantages in Architectural application.



Diamond™ by GroGlass is the latest development in anti-reflective coatings combined with the energy saving features provides the best solution for the Architectural purposes.

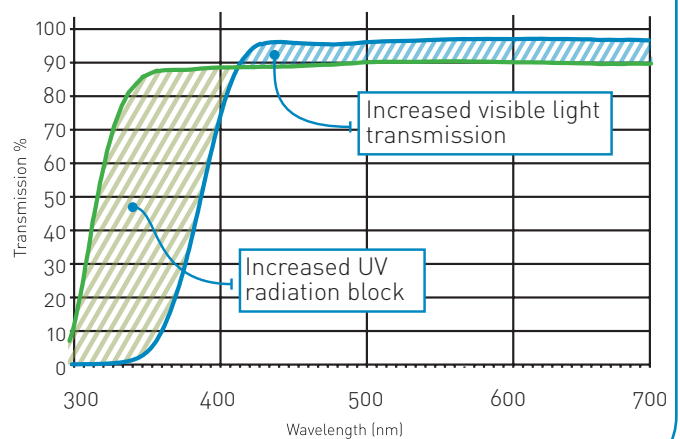


New! Diamond™ UV by GroGlass

All of the interior elements – such as furniture, carpets, and artworks can be seriously damaged by fading caused by ultraviolet radiation. To suppress fading damage, homeowners often install blinds and curtains, shutters, tinted glass, or dark films, thereby preventing visible light from passing freely through the window. Ideally, a window would block the damaging UV rays that cause fading, while letting the visible light to pass through. Regular float glass lets in about 70% of the sun's UV radiation, and 90% of visible light. Diamond™, on the other hand, lets through only 8% of the UV (300-380 nm), and 99% of the visible light.

— Diamond™ UV — Low-iron glass

Light transmission chart (UV and visible light spectrum)
Data for single pane in DGU



Who's behind the glass?

Diamond™ is manufactured by GroGlass, which also makes glass for display, art framing, and photovoltaic applications. We have 45 years experience in the aerospace sector. We are fully owned by NCH, a US-based private equity fund. Visit www.groglass.com for more information.

Product of



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