

Technical Data of Specialty Film

GIR86T

MARINE-GRADE SOLAR FILM



Specifically designed for maritime vessel bridge windows, the UV Clear solar tint enhances visibility with its translucent appearance. It reduces heat buildup for a comfortable interior environment and provides effective UV protection by blocking harmful rays that can fade and damage surfaces.

- Enhanced Heat Insulation
- UV Protection
- Durable and Marine Resistant
- Energy Efficiency
- Optical Clarity for Safe Navigation
- Scratch Resistant Coating

FENESTRATION DATA

% Visible Light Transmittance	86
% Visible Light Reflectance (Exterior)	9
% Visible Light Reflectance (Interior)	9
% Solar Energy Transmittance	65
% Solar Energy Reflected	8
% Solar Energy Absorbed	27
% UV Transmittance	<1
% Total Solar Energy Rejected	27
Shading Coefficient	0.83
% Glare Reduction	6
NIR Blocking at 1025NM	35 ± 3.0
Colour	UV CLEAR

Note: The performance data reported on this page was tested using ASHRAE, ASTM, BSEN 410 & AIMCOL Standards.

All the values as applied on 1/8"(3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

Tolerance provided for visible light transmittance; other performance parameters will change accordingly.

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