

Technical Data of Specialty Film

GIR80T

MARINE-GRADE SOLAR FILM



It provides a smooth, optically clear sky hue and is intended for use with maritime vessel bridge windows. With its 42% heat-reducing efficiency, it keeps things cooler and more comfortable for users while also lowering glare and preserving clear vision.

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

FENESTRATION DATA

% Visible Light Transmittance	78
% Visible Light Reflectance (Exterior)	9
% Visible Light Reflectance (Interior)	9
% Solar Energy Transmittance	45
% Solar Energy Reflected	8
% Solar Energy Absorbed	47
% UV Transmittance	<1
% Total Solar Energy Rejected	42
Shading Coefficient	0.67
% Glare Reduction	14
NIR Blocking at 1025NM	76 ± 3.0
Colour	SKY COOL

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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