

Technical Data of Specialty Film

GIRSCH50

MARINE-GRADE SOLAR FILM



State-of-the-art technology specifically designed for maritime settings, offering numerous advantages such as efficient heat reduction to enhance the comfort and functionality of marine vessels.

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

FENESTRATION DATA

| | |
|---------------------------------|----------|
| % Visible Light Transmittance | 49 |
| % Visible Light Trans Tolerance | 50 ± 3.0 |
| % Visible Light Reflectance | 8 |
| % Solar Energy Transmittance | 23 |
| % Solar Energy Reflected | 6 |
| % Solar Energy Absorbed | 71 |
| % UV Transmittance | <1 |
| % Total Solar Energy Rejected | 57 |
| Shading Coefficient | 0.49 |
| % Glare Reduction | 46 |
| NIR Bblocking at 1025NM | 96 ± 3.0 |
| Colour | Charcoal |

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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