

# CORE

## Marine Safety Glass **SSG® Marine Glass**



SSG® Marine glass is specially engineered to perform reliably in demanding maritime environments where ordinary glass is not suitable. Constant exposure to salt spray, heavy rain, strong winds, vibration, and rapid temperature changes requires glazing solutions with superior strength, safety, and durability.

Singapore Safety Glass provides a comprehensive range of marine-grade glass solutions, including tempered, laminated, insulated (DGU), and heated glass, designed for use in wheelhouse windows, exterior glazing,

cabins, and interior partitions. These glass systems are developed to resist impact, maintain structural integrity, and ensure long-term performance under harsh sea conditions.

All SSG® Marine glass is manufactured under strict quality control and complies with marine-grade ISO requirements, including ISO 614 for toughened safety glass, ensuring suitability for ship windows and marine applications. This commitment to recognised international standards provides confidence in safety, durability, and reliability for both commercial and private vessels.

### USES AND APPLICATIONS

- Wheelhouse and bridge windows.
- Exterior ship and cabin windows.
- Cabin partitions and interior panels.
- Observation panels and viewing windows.
- Yachts, ferries, and commercial vessels requiring high-strength, marine-grade glass.



### SPECIFICATIONS : Production Sizes

| Glass Thickness (mm) | Minimum Size (W/mm x H/mm) | Maximum Size (W/mm x H/mm) |
|----------------------|----------------------------|----------------------------|
| 4 to 5               | 300 x 300                  | 2,438 x 4,000              |
| 6 to 19              | 300 x 300                  | 2,500 x 5,700              |
| 22                   | 300 x 300                  | 1,800 x 5,700              |
| 25                   | 300 x 300                  | 1,600 x 5,700              |

### PRODUCT FEATURES

#### High Structural Strength

Built to withstand strong wave impacts, wind loads, and floating debris. Provides reliable protection for vessels and crew even under extreme conditions.

#### Enhanced Safety Performance

Laminated construction keeps shattered glass bonded in place, preventing openings and reducing risk of injury during impact or accidents.

#### UV Protection

Advanced interlayers significantly reduce ultraviolet transmission, protecting interior furnishings, instruments, and electronics from long-term sun exposure.

#### Corrosion & Weather Resistance

Specially formulated to resist saltwater, humidity, and extreme temperature changes, ensuring long-term durability and performance.

#### Low Distortion Visibility

Manufactured with strict optical quality standards to provide clear, viewing, essential for navigation and monitoring.

#### Noise Control

Laminated layers help reduce wind and engine noise, improving comfort in cabins and control rooms.