



TECHNICAL FIRE SAFETY GROUP



Pyroguard Marine - a range of toughened and gel filled, fire-rated safety glass



Providing integrity only and integrity and insulation protection against the passage of flames, smoke and toxic gases from 30 to 60 minutes.

The solution provides 1B1 or 1C1 impact classification, high-performance acoustic properties and UV stability.

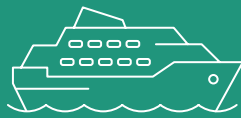
APPLICATIONS

- ✓ Available in options ranging from 6 mm to 32 mm thicknesses
- ✓ Suitable for both internal and external applications
- ✓ Suitable for use with steel and aluminium profiles
- ✓ Specifically developed for the demands of marine and offshore applications including; passenger ships, yachts, speciality vessels and container ships

Tried, tested and trusted products



APPLICATIONS



Marine

CERTIFICATION

Classification: **A & B**
Fire Resistance: **30 - 60 minutes**

FEATURES

- ▶ Toughened fire-rated safety glass
- ▶ Large certified pane dimensions
- ▶ Maximum manufactured size: 2400 mm x 4000 mm
- ▶ High performance - impact tested and certified to EN12600:2002
- ▶ Bespoke solutions, including butt-joint applications
- ▶ A + B classification providing protection from fire, heat and smoke
- ▶ Exceptional visual quality
- ▶ Fully UV stable

BENEFITS

- ▶ Versatile and flexible to your design requirements
- ▶ Provides optimum (Class A2) level of reaction to fire
- ▶ Multi-functional compositions give you flexible solutions
- ▶ Noise reduction qualities
- ▶ Robust and suitable for the demands in marine environments

TECHNICAL FEATURES



Fire Duration
30-60
mins



Type
Toughened



Thickness
6 - 32 mm



Weight
15 - 53
kg/m²



Acoustic
Various
(up to 42dB)



Impact Protection
1B1, 1C1



Light Transmission
82 - 90%



U value
3.6 - 5.7
W/m².K



Temp range
+100°C and
-10°C/+45°C