



MARINE SYSTEMS

(B15-LITE)

The next generation of lightweight partition and ceiling systems offered by world class panel manufacturer CBG Systems. Developed in partnership with CSIRO, the system features cutting-edge technology proven to work in harsh marine environments.

B15-LITE: The system is a B15 class partition and ceiling system for use in lightweight applications of deckheads and bulkheads.

Lightweight: The installed system has a weight of 7.5kg/m². This represents a weight saving of as much as 50%.

Resilient Finish: Resistant to corrosion, weather, impact, and water ingress. All whilst improving lighting and being fully washable.

Thin Profile: The system has a thickness of 20mm, allowing for optimal space usage.

Sound Reduction: B15-LITE panels boasts a sound reduction index of 21db, and a weighted sound absorption coefficient of 0.1.

Thermal Resistance: The B15-LITE System boasts a thermal resistance of 0.5 m².K/W and thermal conductivity of 0.04 W/m.K.

Fire Resistance: The system is B15 rated for bulkhead and deck as per IMO and USCG. The system is also non-combustible, has low flame spread and low toxicity.

Area Coverage: The panel size is 2550mm x 1200mm, providing efficient area coverage.

Faster Installation: The system is quick to install, only taking 1.0 hour/m².

Ancillary equipment: The system integrates important aspects such as inspection hatches, electrical conduits etc.

Modular System: The system install philosophy is based on modularity allowing for simple and adaptable installation.

Load Rating: The System can carry loads as high as 120 kg (90 N.m) in its high load configuration.



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B15-LITE Bulkhead/Deckhead Specifications

Thickness:	20 mm
Base material:	Amorphous Silica
Length:	up to 2550 mm
Standard width:	up to 1200 mm
Weight:	7.5 kg/m ²
Insulation acoustic:	21 dB
Thermal Insulation:	0.5 m ² .K/W
Thermal Conductivity:	0.04 W/m.K
Facing:	Gislaved, etc.
Load rating:	30 N.m
Load rating HD Panel:	90 N.m

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