



## 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/m<sup>2</sup>. 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 m<sup>2</sup>.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/m<sup>2</sup>.

**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.



CBGSystems



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

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