

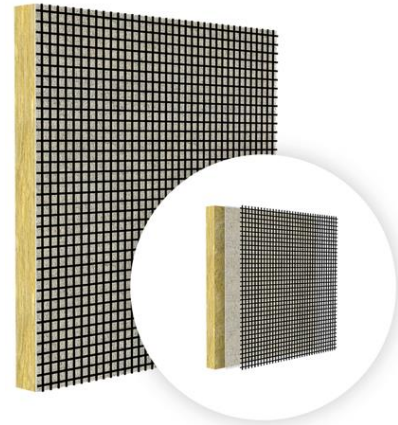
CBG-CorePan-15/G

TDS-No. 8500

Component for production of composite and sandwich panels in shipbuilding and industrial construction. The rock wool panel as a base material is connected with a basalt fibre grid laminate by means of the inorganic flame retardant adhesive "LR Ceramatrix 01-50" with endothermic effect. Coatings with various surface materials, such as CPL, HPL or galvanized sheet metal are possible.

A special feature of this panel is its **excellent sound insulation**.

- ✓ 100% natural origin, chemically neutral
- ✓ antibacterial
- ✓ corrosion-resistant
- ✓ thermoresistant
- ✓ formstable
- ✓ water repellent
- ✓ vibration damping
- ✓ non-combustible
- ✓ no smouldering
- ✓ recyclable



Properties	Daten
Application area	e.g. heat, sound and fire protection in industrial processing and shipbuilding
Surface density, [kg/m ²]	3,2 ± 10% with moisture content – max. 4 %
Gross thickness, [mm]	14 ± 1
Material	ceramic basalt fiber and grid laminate, specific mineral wool (basalt fibers), inorganic fire protection adhesive Ceramatrix 01-50
Sound insulation, [db]	44 (Cabin to Cabin) Report SEI/0267/18 vom 26.11.2018 CBG-SeaPan-OEM-Core-15/15.1.001, CBG Composites GmbH. TÜV NORD
Core material density [kg/m ³]	- Mineral wool core (Mineral wool/ Basalt fiber): Certificate number „Modul B“ by TÜV NORD: M18028, expiry date - 07.07.2022 - Fire protection adhesive mass LR Ceramatrix 01-50: Certificate number „Modul B“ by TÜV NORD: M18029, expiry date 07.07.2022 EC type-examination certificate (module B) of marine equipment according to Directive 2014/90/EU in connection with Directive (EU) 20174/306 - Item No. "MED/3.13 Non-combustible materials"] Module D: Certificate number M18027, valid until 13.11.2023. TÜV NORD
Fire resistance	B-15 (Classification according to IMO 2010 FTP – Code Part 3 for fire resistance [min] *)
Inorganic part [%]	approx. 97 ± 1
Usable width x Length *	up to 1200 x 3050 mm

Delivery

* - Various sizes and surfaces are possible on request



Processing and storage

- ✓ The usual protective measures must be taken during processing. Gloves, respiratory protection and safety glasses are recommended. Please note the instructions for use "Handling mineral wool and insulation materials (glass wool, rock wool)" from BG Bau.
- ✓ Horizontal storage, e.g. on pallets, on a level surface, secure against slipping



Subject to modifications

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