

SeaPan WP 50/60

TDS-Nr. 7400

Fire-resistant double-core composite sandwich panel based on **basalt** and **ceramic**.

SeaPan WP 50/60 offers completely new optimal solutions to production of partition walls and bulkheads in shipbuilding, as well as to its application on land. The use of light-weight composite materials with for instance only 14,0 kg/m² for a wall panel or a fire-resistant bulkhead of **A-60 fire class** makes it possible to significantly reduce a total weight of a finished construction.

- ✓ 100% natural
- ✓ non-combustible
- ✓ no smouldering
- ✓ no smoke in case of fire
- ✓ heat-insulating
- ✓ sound-insulating
- ✓ mechanically loadable
- ✓ moisture-resistant
- ✓ vibration-absorbing
- ✓ corrosion-resistant
- ✓ chemically neutral
- ✓ recyclable

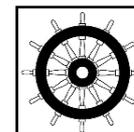


Properties	Data
Description	Wall panel / bulkhead
Application area	e.g. production of cabin walls in shipbuilding, residential and office containers etc.
Surface weight, [kg/m ²]	14,0 ± 10%
Average thickness, [mm]	50 ± 1
Material	ceramic basalt fiber and glass fiber laminate, specific mineral wool (basalt fibers), inorganic fire protection adhesive
Density, [kg/m ³]	280 ± 5%
Non-combustibility	non-combustible (classification in acc. with IMO 2010 FTPC Part 1)
Fire class	A-60 (classification in acc. with IMO 2010 FTPC Part 3)
Inorganic content [%]	approx. 99
Thermal stability, °C	up to 1.300
Connections within a construction	e.g. tongue and groove, mounting rails, screws and other mounting materials
Surface area *	glass fiber fabric or glass fleece on a ceramic matrix (optional: coating with HPL/CPL-decorative foil of various colours, flame retardant according to IMO 2010 FTPC)
Width* / Length *	up to 1.200 ± 1 mm / up to 2.980 ± 2 mm

* - Various sizes and surfaces are possible upon request

Delivery

- ✓ Delivery on pallets wrapped with stretch film
- ✓ Connecting strips and adhesives are available upon request



Certification

- ✓ CBG Composites GmbH CBG lets certify its products manufactured for the use in shipbuilding in accordance with valid IMO MED guidelines. We provide you further relevant information upon request

Storage and Processing

- ✓ Processing with standard cutting tools is possible
- ✓ The usual protective measures must be used during processing. Gloves, respiratory protection and safety glasses are recommended. Please take into account the instructions for use "Handling mineral wool and insulation materials (glass wool, rock wool)" from BG Bau and/or local legal regulations
- ✓ Horizontal storage, e.g. on pallets, on a level surface, secured against slipping



Subject to modifications

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