

# CBG LifeRock MW-180

## Fire-resistant structural mineral wool core

TDS-No. 7000

Contoured basalt-based fibred core to use as a fire-resisting and soundproofing material.

### Application areas

- ✓ Fireproof panels for construction industry and engineering
- ✓ Thermal insulation
- ✓ Acoustic insulation

### Properties

- ✓ non-combustible, in accordance with IMO 2010 code FTP part 1
- ✓ heat- and sound insulation
- ✓ pressure-resistant
- ✓ water-repellent
- ✓ stable for temperature changes
- ✓ recyclable



Properties	Data		
Total thickness, [mm] *	14 ± 1	23 ± 1	47 ± 1
Weight per unit area, [kg/m <sup>2</sup> ]	2,9 ± 10%	4,5 ± 10%	8,8 ± 10%
Density [kg/m <sup>3</sup> ]	180 ± 10%	180 ± 10%	180 ± 10%
Colour	Olive green		
Compression strength according to EN 826 [kPa]:	100 +/- 10		
Tensile strength according to EN 1607 [kPa]:	30 +/- 5		
Thermal conductivity λ, W/(m.K)	</= 0,039		

\*- Core thickness can vary from 10 to 190 mm on request

Certificate number "Module B" approved TÜV NORD: M18029, valid until 07.07.2022

[EG Certificate (Module B) marine facilities in accordance with the directive 2014/90/EC i. V.m. Directive 20174/306 (EC) – Number „MED/3.13 flame-retardant material“]

### 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
- ✓ Store in a dry place, in original package, protect from mechanical damage.



Made in Germany



Patent inside



Subject to modifications

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