

FireCore

TDS No.7050

Multi-layer refractory construction core based on specific basalt rock wool and inorganic impregnation matrix

Properties

- ✓ 100 % natural und inert
- ✓ non-flammable, according to IMO 2010 FTP Code Part 1, DIN EN 13501
- ✓ heat- and sound-insulating
- ✓ pressure resistant
- ✓ water repellent
- ✓ dimensionally stable under temperature influence
- ✓ recyclable



Features	Nominal value		
	14 ± 1	23 ± 1	47 ± 1
Weight per unit area* [kg/m ²]	2,9 ± 10%	4,5 ± 10%	8,8 ± 10%
Density [kg/m ³]	210 ± 10%	200 ± 10%	190 ± 10%
Colour	Olive green*		
Compressive 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		

Verarbeitung und Lagerung

- ✓ The usual protective measures must be taken during processing. Gloves, breathing mask and safety goggles are recommended. Please observe the instructions "Handling mineral wool insulation materials (glass wool, rock wool)" issued by the BG Bau
- ✓ Horizontal storage, e.g. on pallets, on a level surface, secured against slipping
- ✓ Store dry and protected against mechanical damage in the original packaging

Application areas

- ✓ Fire protection in the construction industry and mechanical engineering
- ✓ Production of fire protection, thermal insulation and sound insulation structures
- ✓ Thermal insulation
- ✓ Sound insulation



Subject to modifications

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