

PYRO-SAFE® BM3100

Insulation Materials

Description

PYRO-SAFE® B M 3100 is a non-combustible mat based on calcium magnesium silicate and is used for thermal insulation. Due to an enormous temperature resistance of up to 1200 °C, the mat can be mainly used in the insulation of battery systems, storage/transport units and in vehicle construction.

Application Areas

- · storage & transport
- module & system level
- on request



Delivery and Packaging

PYRO-SAFE® B M 3100)							
Lengths [mm]	14640		7320		5000		3660	
Thicknesses [mm]	13		25		38		50	
Width [mm]	610	1220	610	1220	610	1220	610	1220
Special formats	available on request							
Article number	,							
	on request							

Please contact us for further information:

+49 4105-40 90-14

Technical Data Sheet



PYRO-SAFE® BM 3100

Technical Data

Composition	insulating building material based on calcium magnesium silicate		
Material structure	light, flexible and compressible panel material		
Bulk density [kg/m³]	128 [(± 10 %) at 25 mm]		
Temperature resistance [°C]	1200		
Melting point [°C]	from approx. 1330		
Tensile strength [N/mm²]	approx. 0.07		

Storage	dry, indoors		
	Not a hazardous substance per the German ordinance on hazardous substances [GefStoffV] and not a hazardous good per the German ordinance on dangerous goods [GGVS/ADR]. Consult the safety data sheet for further information.		

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