

Fiboard M

Product Description

Fiboard M is a non-combustible board based on magnesium oxide. The material is weather- and moisture resistant and therefore suitable for indoor and outdoor applications. When the board comes into contact with moisture, it will regain its original thickness after drying, without any effect on its long-term performance. Fiboard M is easily worked and can be cut, drilled etc. using normal tools.

Test Certificate

Fiboard M is an A1 non-combustible board in accordance with DIN 4102.
Tested in accordance with EN 13501-1.

[Testresult](#)

Characteristics

Density	1.060 kg/m ³
Bending strength	4,4 N/mm ²
Compressive strength	17,5 N/mm ²
Moisture content by adsorption	17,7%
Thermal conductivity	0,2 W/mK
Thermal resistance	0,09 m ² K/W
Water vapour resistance factor	24
pH-value	9,87
Sodium (Na ₂ O)	0,44 %
Potassium (K ₂ O)	0,24 %
Na ₂ O-equivalent	0,60 %
Colour	Beige / White

Possible Applications

- Cladding of steel girders
- Cable channels
- Ceilings, walls and floors
- Cooling of metal and aluminum profiles

Available sizes

- Thickness: 3, 6, 9, 12, 15, 20, 25 mm
- Size: 2.400 x 1.220 mm

Other sizes and strips can be supplied on request.

Application

Fiboard® M is well used in a wide range of applications, for example, partition wall, floor and ceiling element for residential and commercial buildings like hotel, hospital, airport, subway station, gymnasium, library, museum, theatre, factory building, IT-rooms. Fiboard® M can be used to protect steel construction, ventilation ducts as well as electric installations.

Storage, processing and transport

Fiboard® M must be stored in a covered and dry area. During handling and processing the wearing of protective gloves is recommended. When Fiboard® M gets wet, it must be dried before being affixed. The boards should always be stored on a flat surface.

Note

Please be aware of the following:

- When Fiboard M is used for cooling in a steel or aluminium profile, the profiles must be protected against corrosion.

Note

The information in this document is based on our knowledge and experience to date. This information does not release the user from carrying out independent tests and trials due to the various influences when processing and applying our product. It is not possible to derive a guarantee of certain properties of suitability of the product in a concrete application case based on our information. All the descriptions, drawings, photographs, data, conditions, weight etc. included may change without previous announcement; they do not constitute the contractually agreed property of the product. The recipient of our product is responsible to observe any trade mark rights and existing laws and regulations.

