

Marmox board

is approved by SINTEF Building and Infrastructure with properties, fields of application and conditions as stated in this document

1. Holder of the approval

BAC AS

Karenslyst Alle 16

NO-0214 Oslo

Norway

Tel.: + 47 22 88 56 88 Fax: + 47 22 88 56 89

www.bac-as.no

2. Manufacturer

Marmox SAE, 43 El Haram St. Giza; Egypt

3. Product description

Marmox board is a wetroom board based on a core of extruded polystyrene (XPS). The board is faced on both sides with a fibreglass mesh embedded into a cement polymer mortar, see fig. 1.

The product is also marked as BACboard.

The thickness and dimensions are shown in table 1. The boards have straight edges. The colour of the surface is grey, and the core material is light grey.

Table 1
Standard dimensions and weight

Standard thickness mm	Weight kg/m ²	Standard dimension mm x mm
6	2,7	1250 x 600
10	2,9	2500 x 600
12,5	3,0	2500 x 600
20	3,1	2500 x 600
30	3,3	2500 x 600
40	3,7	2500 x 600
50	4,2	2500 x 600

The boards have the following tolerances:

- thickness: ± 2 mm
- length ± 5 mm
- width ± 2 mm.

Fittings, screws and washers are a part of the system.

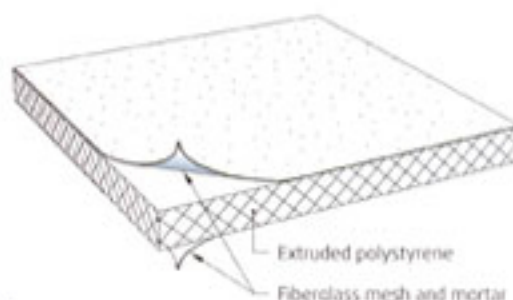


Fig. 1

Marmox board. The boards are symmetrical with reinforced mortar on each side.

4. Fields of application

Marmox board can be used as a watertight layer on walls in bathrooms and washrooms in houses, hotels and in rooms with equivalent conditions. The application as a watertight layer requires the use of reinforcement strips and a membrane over joints and fixing points (eg. screws). Clause 6 gives additional requirements for use.

The boards may be installed directly on a wall framework or other substrate such as brickwork or concrete, including walls below ground level. The boards shall always be covered by ceramic tiles or equivalent non combustible lining.

5. Properties

Material properties

The material properties of the core material are given in Table 2, and Table 3 shows the properties for the Marmox board.

Watertightness

Installed as specified in clause 6 the performance of Marmox board proved satisfactory when tested according to "Guideline for European Technical Approval of watertight covering kits for wet room floors and or walls"