

# EASYBOARD®

## A1 non-combustible fibre cement Tile Backer Board

### Technical Data Sheet

#### PRODUCT

Easyboard® is an A1 non-combustible exterior grade fibre cement board with mesh reinforcing facings.

It is one of the first boards of its kind to combine the benefits of Ordinary Portland Cement into a light weight 'score & snap' building board that is quick to install when compared to traditional OPC boards.

#### FEATURES and BENEFITS

- Easyboard® can be readily fixed with self-drilling screws and simply installed using a traditional utility knife.
- Easyboard® makes an ideal tile backing in areas of high moisture e.g. kitchens & bathrooms
- Easyboard® is inorganic making it very dimensionally stable when compared with traditional wood based boards
- Easyboard® is conformity assessed according to BS EN 12467:2012+A2:2018 "Fibre-cement flat sheets"
- Easyboard® is manufactured with a unique process combining Ordinary Portland Cement, and a reinforcing matrix that enhances the workability and handling properties over traditional fibre cement boards
- It is manufactured in 12.5mm thickness and has a taper on the two long edges of the outer face

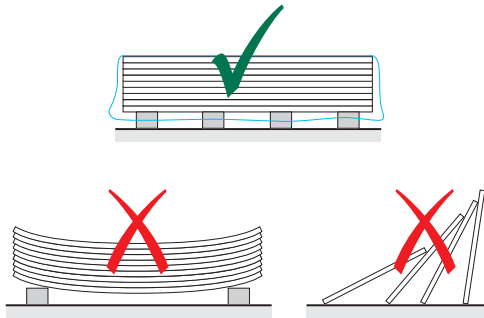


#### TECHNICAL INFORMATION

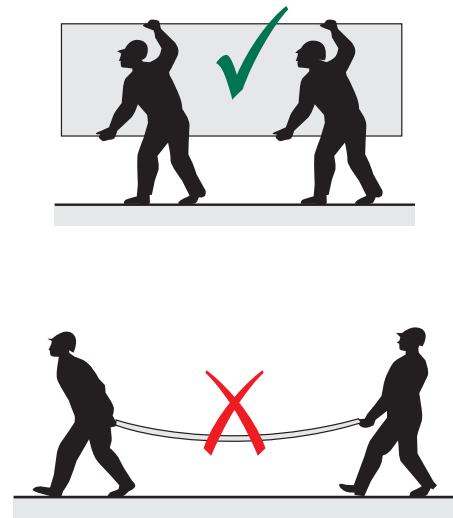
Parameter	Value	Tolerance
Reaction to fire (BS EN 13501-1)	A1 (Non-combustible)	N/A
Durability & Strength (BS EN 12467)	Category B, Class 1	N/A
Thickness (mm)	12.5	+/- 10 %
Width (mm)	1200	+/- 0.3 %
Length (mm)	800	+/- 5 mm
Straightness of Edges (%)	≤ 0.1	N/A
Squareness of Edges (mm/m)	≤ 4	N/A
Dimensional stability (R.H. 30% to 80% @ 20°C)	< 0.1%	+/-
Average Wet Bending Strength (Mpa)	≥ 4	N/A
Apparent Density (kg/m³)	900	Minimum
Weight per sheet (ex-production kg)	13.2	+/- 10 %
Saturated Density (kg/m³)	1225	+/- 10 %
Thermal conductivity (K-value)	0.22 W/mK	N/A
Moisture Content (%)	10	+/- 2.5
Pallet Quantity	60	

## DELIVERY & STORAGE

- Boards should be received in a dry state with pallets protected from weather with plastic sheeting or similar.
- Boards should be stored on flat, dry pallets elevated on skids/battens sufficiently from ground level to prevent board wetting.
- If boards are stored on site for a long period of time they should be kept under cover/ indoors if possible.



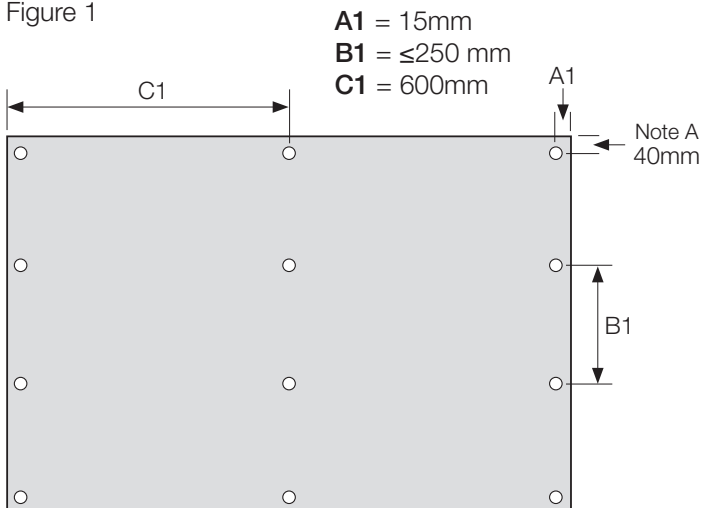
When manually moving boards they should be carried in a vertical orientation.



## INSTALLATION

### Tile backing application

Figure 1



Euroform recommends that Easyboard is installed in brick bond fashion as per the diagram.



Note A: The first fixing in from the corner for both horizontal and vertical fixing must be 40mm in from the edge.

Ensure that maximum centres of support do not exceed 600mm. Either timber or metal studs may be used provided that they are fit for use around wet areas and of sufficient size to accommodate screw fixing locations as shown in Figure 1. Fixtures & fittings should be fixed ensuring that fixings pick up on studs.

#### NOTE:

- No two joints should coincide
- Stainless screws suitable for cement boards should be used
- A minimum 3mm gap should be left at all joints to allow for relative humidity dimension changes
- Joints should be embedded with a flexible tile adhesive and 50mm alkaline resistant tape to provide extra strength
- Compatible tanking membranes may be applied to the boards where required by building codes/insurer preference

## Internal Tiling applications (walls & floors)

For ceramic tile coverings, (tile dimensions  $\leq 600$  mm x 600 mm), use a flexible adhesive when placing tiles. Easyboard® should be primed prior to tiling with alkaline tolerant primer.

Tile adhesive must as a minimum meet the requirements of class C2 according to EN 12004-1.

When using Easyboard® as floor tile substrate please ensure that board is fully supported.

Structural flooring e.g. timber floor boards should be true and flat. Ensure that board is fully supported and the structural floor does not deflect. Easyboard joints should be a minimum of 200mm from joints in structural supporting floor.

- Maximum tile weight for walls = 50 kg/m<sup>2</sup>
- Maximum tile weight for floors = 100kg/m<sup>2</sup>

## SITE CUTTING



Easyboard® can be easily score and snapped with a traditional utility knife.

Use a straight edge and make initial cut to the face of the board.

Apply pressure to cut piece to open the joint up and then run the knife back along the scored line to cut the mesh to the reverse side of the panel to complete cut.

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