

# Proctor A1 Cement Board

SCORE &amp; SNAP

## DESCRIPTION

Proctor A1 Cement Board is an A1 non-combustible external grade 'score and snap' cement board with mesh reinforced facings. For use on steel or timber frame wall applications.

## KEY FEATURES

- Can be scored and snapped with a utility knife and straight edge.
- Proctor A1 Cement Board is tested in accordance to BS EN 12467:2012+A2:2018 "Fibre-cement flat sheets".
- Manufactured combining Ordinary Portland Cement, with a reinforced matrix, enhancing the workability and handling properties.
- KIWA Certificate No. BAW-25-374-P-A-UK
- It is supplied in 12.5mm thickness.
- Makes an ideal exterior sheathing board to SFS walling.
- Inorganic composition making it dimensionally stable.
- Can be installed externally and/or internally to the main wall structure.
- Lighter weight compared to cement particle and calcium silicate sheathing boards.

## BOARD FIXINGS

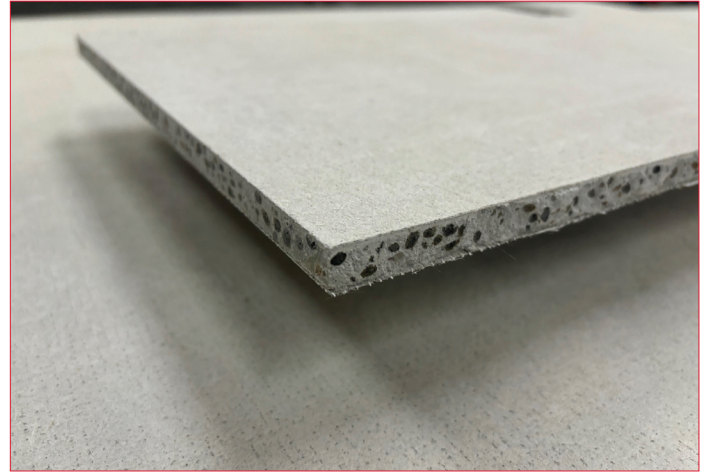
SFS - Minimum 45mm length, 4.8mm carbon fixing suitable for fixing into steel sections from 0.7 to 3.0mm in thickness.

Timber - Minimum 50mm length, 4.8mm carbon fixing.

For more information, please contact the technical department.

## WEATHERPROOFING

Whilst Proctor A1 Cement Board is inherently resistant to water ingress, joints and junctions must be protected by suitable membranes. Over the face of the boards a vapour permeable walling underlay, such as Wraptite®, should be utilised; with appropriate interface membranes around openings. Membranes should conform to the guidance of BS 5250:2021.



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## PROCTOR A1 CEMENT BOARD PHYSICAL PROPERTIES

Property	Test Method	Mean Results
	BS EN 12467:2012+A2:2018	
Board Size	-	1200 x 2400 mm
Thickness	-	12.5 mm
Reaction to fire	BS EN 13501-1	A1 (Non-combustible)
Fire Resistance - through wall test	BS EN 1364-1:2015	120 mins Integrity
Durability & Strength	BS EN 12467	Category B, Class I
Straightness of Edges	-	≤ 0.1%
Squareness of Edges	-	≤ 4mm/m
Dimensional Stability	-	< 0.1% R.H. 30% to 80% @ 20°C
Average Wet Bending Strength	-	≥ 4 Mpa
Apparent Density	-	1000 kg/m <sup>3</sup>
Weight per sheet	-	39.6 (ex-production kg)
Saturated Density	-	1225kg/m <sup>3</sup>
Thermal Conductivity	BS EN 12664 and ISO 8302	0.223 W/mK
Moisture Content	-	10%
Water impermeability	BS EN 12467	Pass
Water vapour diffusion resistance factor	BS EN ISO 12572	40.9 μ
Water vapour diffusion equivalent air thickness		Sd 0.502
Water absorption	EAD 210024-00-0504	11%
Hygrothermal conditioning (thermal shock)	EAD 090062-00-0404	no defects
Wind load resistance (design load)*	EAD 090062-00-0404	2.67 kPa
Hard body impact		Use Category I
Soft body impact		Use Category I (60 J)
Bending strength, modulus of rupture (characteristic)	EAD 210024-00-0504	perpendicular 2.69 N/mm <sup>2</sup>
		parallel 2.50 N/mm <sup>2</sup>
Compressive strength (f <sub>ck</sub> )		perpendicular 2.32 N/mm <sup>2</sup>
		parallel 2.28 n/mm <sup>2</sup>
Compressive modulus of elasticity (E <sub>c, mean</sub> )	BS EN 789	perpendicular 1,800 N/mm <sup>2</sup>
		parallel 2,233 N/mm <sup>2</sup>

\*design load with partial factor 1.5; specimen consisted of Product, mechanically fixed at 600mm horizontal and at 250mm vertical centres to 75mm by 50mm by 1mm thick galvanised steel studs at 600mm centres.

## DELIVERY & STORAGE

- Consideration should be made to store boards undercover / indoors where possible.
- Boards should be protected from weather with plastic sheeting or similar.
- Boards should be stored flat, and elevated sufficiently from ground level to keep dry.



Revised: June 2025

Version: 1.004

Next review due: June 2026