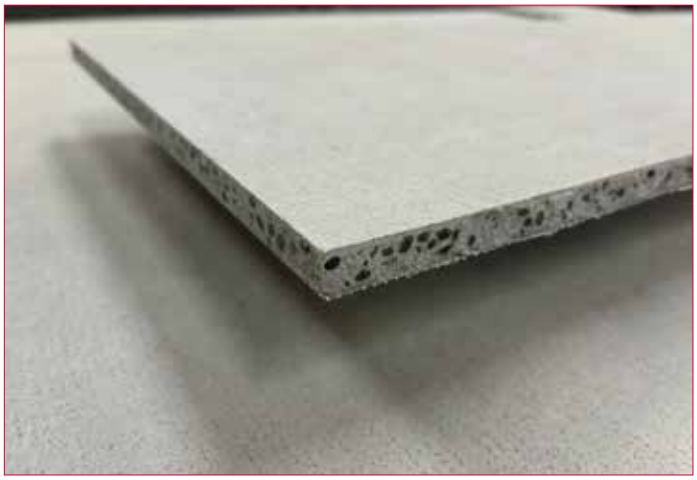
Proctor A1 Cement Board

SCORE & 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.

CCPI

BDA Agrément
BAW-25-374-P-A-UK

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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 1
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^3
Weight per sheet		-	39.6 (ex-production kg)
Saturated Density		-	1225kg/m^3
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 1
Soft body impact			Use Category 1 (60 J)
Bending strength, modulus of rupture (characteristic)	perpendicular	EAD 210024-00-0504	2.69 N/mm^2
	parallel		2.50 N/mm^2
Compressive strength ($f_{c,k}$)	perpendicular	BS EN 789	2.32 N/mm^2
	parallel		2.28 n/mm^2
Compressive modulus of elasticity ($E_{c,mean}$)	perpendicular		1,800 N/mm^2
	parallel		2,233 N/mm^2

**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.

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Revised: August 2025
Version: 1.005
Next review due: August 2026