CEDRAL

BLUCLAD PROBOARD

EXTERIOR RENDER BOARD

“Bluclad Proboard gives a good, stable surface and adhesion which, with the weberend MT multi-coat render system, provided a clean, simple aesthetic finish for the properties.”

Phil Bailey, Director, Harbour Render Systems

WELCOME TO

BLUCLAD PROBOARD

Bluclad Proboard is a high performance fibre cement board for external applications. Its main use is to provide a good, stable surface for a direct render facade – smooth or textured.

Its range of uses are:

- Render carrier board on timber or metal frames for ventilated facade systems
- Render carrier board for the thermal upgrade of existing masonry walls
- Carrier board for brick slips for ventilated facades on timber or metal frames
- Render carrier board for external ceilings

Bluclad Proboard has a heritage of over 25 years and is a tried and tested carrier board for contractors and installers.

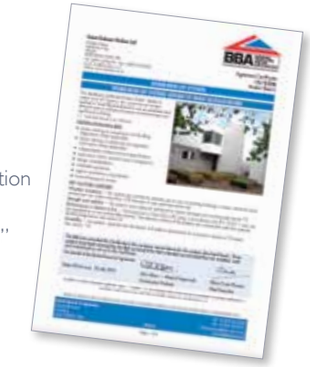
KEY PERFORMANCE FEATURES

Bluclad Proboard is beneficial for designers and specifiers because it:

- Has a BBA Certificate with the weberend MT system
- Does not require time-consuming joint treatment before rendering
- Is CE certified and approved by major European render manufacturers
- Has an Environmental Product Declaration available according to ISO14025
- Improves the impact resistance of the facade for high traffic areas
- Improves the sound insulation of the facade
- It is not system-bound, so accessories can be freely selected
- It is extremely durable and has a long life expectancy
- Is not affected by mould and is resistant to rodents, termites and other insects
- Is water repellent and can be exposed to weather without rendering for up to 3 months
- Cedral has a long-standing commitment to ensuring our facade materials comprehensively meet the fire performance classification A2-s1,d0 to EN 13501-1:2018
- Installation is simple. A 3mm gap is required between boards. Joints do not need to be treated prior to rendering which supports a speedy installation

TECHNICAL STANDARDS & CERTIFICATION

- EN 12467:2012 + A2: 2018, Category B, Class 2
- Manufactured in Europe to ISO 9001 and ISO 14001 certification
- CE declaration in terms of the European Construction Projects Directive which guarantees conformity to standard NBN EN 12467 "Fibre-cement flat sheets"



INSTALLATION BENEFITS

Why Bluclad Proboard?

- Bluclad Proboard is water repellent and can be exposed to weather without rendering for up to three months
- Joints do not need to be treated prior to rendering which speeds up installation time
- Bluclad Proboard will expand minimally as humidity changes, (a 3mm gap should be left between boards) making Bluclad Proboard quicker and easier to install
- Installation is simple: Bluclad Proboard can be fixed to either metal or timber frames. Boards can be cut by hand saw or with standard carbide tipped power tools
- Bluclad Proboard is lighter than other render boards making it much easier to transport and handle on-site

INSTALLATION GUIDE

Storage on site:

- Boards have a nominal weight of 14.2 kg/m² – this weight will increase if boards become saturated due to incorrect storage
- Stack the boards horizontally on a flat surface in a dry and ventilated space
- If stored outside, protect against rain with tarpaulin or plastic cover
- If the boards get wet, remove the packaging and allow to totally dry before use
- We recommend storing the boards in their final location 24 hours before starting installation to allow the board to acclimatise in the space where it will be used
- Bluclad Proboard can only be rendered when the moisture content is less than 18% (moisture content can be measured with a hygrometer)

Cutting, sawing & drilling:

- Cutting, sawing and drilling must be done in a dry and ventilated environment
- Ensure the board is laid flat on a stable sawing bench to prevent excessive vibration
- Immediately remove any generated dust with a dry micro-fibre towel to avoid permanent stains
- Cut using a power saw or handsaw

Tools for cutting/sawing:

- Use a universal sawing blade on fast rotation stationary sawing machines or hand circular saw with rail guidance; OR
- A jigsaw with carbide-tipped tooth cutting blade type T141 HM from Bosch; OR
- A diamond cutting blade without teeth on fast rotation stationary sawing machines or hand saw with guidance

Tool for drilling:

- Use one of the following tools
  For holes – a carbide-tipped twist drill (or completely in carbide) with a 600 nose angle
  For round apertures – hole saw with carbide-tipped teeth
- Remember to support the board around the hole to be drilled (eg. by a wooden surface)

Manual handling:

- A sheet must be lifted from a pallet stack by two persons and then be carried vertically to avoid bending
- Mechanical handling equipment should be used if available

Health & safety

- During the mechanical machining of panels, dust can be released which can irritate the airways and eyes. The inhalation of fine (respirable size) quartz containing dust, particularly when in high concentrations or over prolonged periods of time can lead to lung disease and an increased risk of lung cancer
- If cutting, sawing or drilling by machine indoors, ensure an efficient dust extraction is used to collect dust particles
- If dust extraction is not efficient or when cutting with a hand saw, an FFP2 type dust mask (or better according to EN149:2001) should be worn
- For more information, see Health & Safety Datasheets

MATERIALS

Board dimensions: 2400x1200x10mm

- It is a calcium silicate board reinforced with fibre
- It is beige in colour and exhibits on its surface shiny particles of mica crystals visible on both sides

The smooth, unprinted side is for render application – the textured side is on the reverse.

TECHNICAL DATA

Board dimensions

Nominal thickness	10mm
Sheet size	2400 x 1200mm
Nominal weight	14.2 kg/m²
Tolerance on thickness	± 5%

Board test (EN 12467)

Impermeability	Pass
Warm water	Pass
Soak dry	Pass
Freeze/thaw	Pass

Board properties (air dry)

Density (dry mean)		1180 kg/m²
Bending strength:	Perpendicular Parallel	14 N/mm² 8.5 N/mm²
Modulus of elasticity		>7.5 N/mm²
Hydric movement		0.7 mm/m
Thermal conductivity		0.212 W/mK
Fire Resistance Class (EN 13501-1)		A2-s1, d0
Thermal expansion coefficient		< 6.5E-6 m/mK

* Images of Cedral Cladding, used for illustrative purposes.

CEDRAL

MORE AT CEDRAL.WORLD

Etex (Exteriors) UK Ltd
Wellington Road | Burton upon Trent | Staffordshire | DE14 2AP
infouk@etexgroup.com | 01283 501 555

etex inspiring ways of living