HardieBacker®

JamesHardie™

Fibre Cement Backerboard

Multi-Fuel Installation Guide

Why HardieBacker®?

HardieBacker® 12mm cement backerboard can be used as a decorative non-combustible lining sheet for multi-fuel or log burning stove installations. It passes the industry fire test EN 13501-1 giving it fully non-combustible A1 classification.

The product should be used for masonry applications only, on fully bricked openings, brick chimneys, or brick chimneys with a metal flue. Installations must accord with The Building Regulations 2000 Approved Document J Combustion Appliances and Fuel Storage Systems 2010.

- **No cracking**
- **Easy to cut and install**
- **Suitable for painting or tiling**
- **Dimensionally stable**
- **Withstands temperatures of up to 100°C**

HardieBacker®
Fibre Cement Backerboard

Non-combustible, ideal for fire surrounds

Do it **Once**, Do it **Right**™

Product information

Approved product

HardieBacker® cement backerboard is CE and BBA approved (certificate no. 04/4100). The product meets the EN 12467 standard and has a class A1 non-combustibility rating.

Warranty

HardieBacker® cement backerboard is protected by a 10 year limited product warranty.

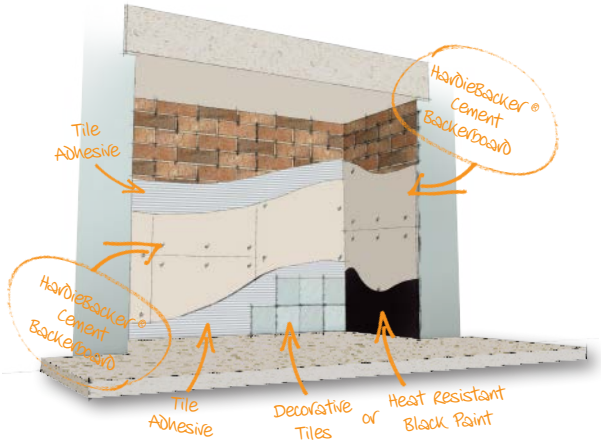
Product availability

HardieBacker® 12mm cement board			
Dimension	Piece weight	Pallet quantity	Pallet weight
1200 x 800 x 12mm	13.8kg	50 pcs	740kg

Cutting the sheets

Sheets are easily cut using our carbide tipped Score & Snap knife. Score the board firmly using a straight edge as a guide and pull the board edge upwards to snap the board.

Installing HardieBacker® boards



1 Preparation

- Before installing HardieBacker® boards the wall should be inspected to ensure it is structurally sound, clear of obstructions and the correct size for the appliance to be used.
- The board should be installed no closer than 100mm to the outside case of the stove. Verify combustible clearances for building regulations.

2 Installation

For painted finish

- If the board is to be painted it can be screwed directly to the brickwork using nine 60mm screws spaced evenly along and across the board (3 screws in 3 rows).

For tiled finish

- If the board is to be tiled, a bed of cement based tile adhesive must also be applied to the wall using a 6mm notched towel.
- Leave a 3mm gap between floor and wall edges and fill the joints with a suitable fire mastic or fire cement. HardieBacker® should be allowed to aclimatise for 24 hours before using the stove.

3 Finishing

Finish with black matt spray

- When HardieBacker® is only being used to line the hearth before setting the fire in place, spray HardieBacker with a matt black heat resistant paint to provide the desired black background to the stove. Follow paint manufacturers' installation recommendations.

OR

Finish HardieBacker with tile

- Make sure the HardieBacker boards are clean and dry. Follow directions of the tile adhesive manufacturer.
- Please follow the stove manufacturers' conditioning requirements carefully as too much heat very quickly can lead to problems with both your stove and the substrate.

Health & safety instructions

JAMES HARDIE RECOMMENDED CUTTING PRACTICES

Outdoors

- Position cutting station so that wind will blow dust away from user or others in working area.
- Use one of the following methods based on the required cutting rate:

  Good
  Dust reducing circular saw with a Hardieblade®.

  Better
  Dust reducing circular saw with a Hardieblade® and HEPA vacuum extraction.

  Best
  Score-and-Snap.

Indoors

- Cut only using score-and-snap.
- Position cutting station in a well ventilated area.
- NEVER use a power saw indoors.
- NEVER use a circular saw blade that does not carry the James Hardie logo.
- NEVER dry sweep – use wet suppression or HEPA vacuum.

IMPORTANT NOTE

For maximum protection (lowest respirable dust production), James Hardie recommends always using 'Best' level cutting methods where feasible. EU-OSHA approved respirators can be used in conjunction with above cutting practices to further reduce dust exposures.

Additional exposure information is available at www.jameshardieeu.com to help you determine the most appropriate cutting method for your job requirements. If concern still exists about exposure levels or you do not comply with the above practices, you should always consult a qualified industrial hygienist or contact James Hardie for further information.

HEALTH WARNING – AVOID BREATHING DUST

James Hardie products contain crystalline silica. This mineral is found everywhere in the world - often in the form of sand - and, therefore, commonly used in many construction products (for example brick, concrete, glass wool and abrasives). The mineral itself is inert, but certain building practices such as drilling, high speed cutting and abrading can release fine particulate dust which may constitute a health hazard. Excessive or protracted inhalation of fine particle silica dust can lead to a lung disease called silicosis. There is also some evidence that it may increase the risk of lung cancer if inhaled for prolonged periods. Smoking may also exacerbate this risk. Like smoking, the risk from fine particle silica dust is time and concentration dependent.

Control

To suppress or to reduce excessive inhalation of fine particle silica dust the following steps should be taken to protect operatives who work with products containing silica dust:

- During fabrication operate outdoors or in a well ventilated space in a separate area if available or away and down-wind from other operatives;
- Use low speed, low dust cutting tools – Score-and snap-knife, James Hardie® blade fitted to a circular saw connected to a dust extraction HEPA filter vacuum cleaner (see James Hardie tools);
- When cutting, drilling or abrading always wear a FFP2/3 dust control or full face mask adjusted and fitted in conformity with regulatory recommendations and affixed with CE marking and/or fully certified to the relevant EN standards if applicable;
- Keep the working environment clean and remove debris as soon as possible;
- At the end of the operation remove dust from clothes, tools and work area with a HEPA filter vacuum cleaner or damp with water to suppress the dust before sweeping. Remember, James Hardie products are no more dangerous than many other building materials containing crystalline silica sand. We hope through this information to engage in effective education of the construction industry and build upon the requirements of national health and safety regulations.

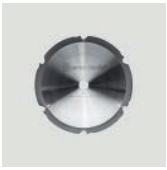
For more information, see our installation instructions on www.jameshardie.co.uk or call James Hardie.

Don't forget...
Our range of essential James Hardie accessories to make installation quicker and easier.

ACCESSORIES

HardieBacker®
Score-and-Snap-Knife

For quick and easy cutting of boards. Simply score a line on the board and snap the board upwards.



HardieBlade®
Saw Blade

Specially designed to produce only a low amount of dust. The diamond tipped edges increase blade life. Available in 160mm, 190mm, 254mm and 305mm diameters.

HardieBacker®
Screws

Screws for walls (32 & 35mm) and floors (25mm) are available.

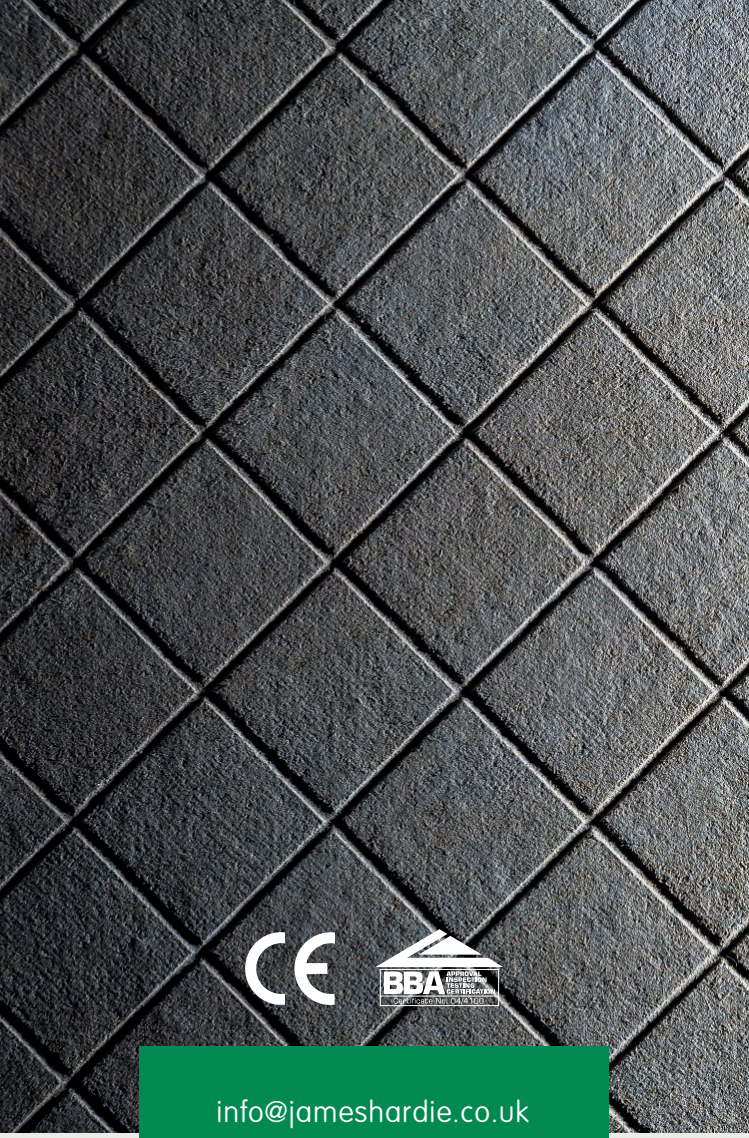
HardieTape®
Fibatape

Fibatape 50mm x 15m, alkali-resistant, glass-fibre mesh reinforcing tape. Fibatape should be used only with tile applications.

For further information please contact our customer service team on:

0800 068 3103
or info@jameshardie.com

www.jameshardie.co.uk/dealers



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