FIBRE CEMENT AND TRIMS

Installation Guide, Aftercare and FAQs

CLADCO DECKING®

Cladco Fibre Cement Wall Cladding Boards have been designed to last, manufactured with increased durability.

Each Board is designed to replicate the natural variants of traditional timber cladding. It is recommended to purchase all Boards required for the project at the same time, as this will ensure colour consistency within the batch and a single delivery cost. Please note that the Board colours can have slight variations within each batch. To avoid this it is recommended to buy all the Boards you need at once.

It is recommended to lay out all Cladco Fibre Cement Wall Cladding Boards before installation, to ensure the natural effect of grain, colour and tone is balanced across the whole of your Cladding project.

STORAGE AND HANDLING

Cladco Fibre Cement Wall Cladding Boards should always be stored in a cool, dry, shaded spot, on a flat level surface with the entire Board supported. Ensure Boards are protected from the weather and they are protected from dust, water and debris.

Wet Boards should not be installed as this can result in butt joints shrinking. Cladco Fibre Cement Wall Cladding Boards should always be moved and carried by two physically abled people, edge to edge, to prevent the Boards from bending, cracking or splitting. Take care when handling and moving the Fibre Cement Boards, and avoid bending or arching movements, as this can cause them to shatter.

GUARANTEE

Cladco Fibre Cement Wall Cladding Boards are supplied with a 10-year guarantee subject to terms and conditions. Cladco Fibre Cement Wall Cladding Boards should be installed as per this Installation Guide. Failure to do so may invalidate the guarantee. For further information, visit www.cladcodecking.co.uk/cladcoprofiles-limited-conditions-sale

TOOLS

Protective Equipment

When handling or carrying Cladco Fibre Cement Wall Cladding Boards, it is advised to wear long sleeves and gloves to protect any exposed skin. When cutting Boards, to protect yourself from the dust a Level P3 Respiratory Protective Mask must be worn. Ear defenders and safety glasses are also recommended. When handling Trims, it is advised to wear Cut Level 5 Protective Gloves to protect your hands from the sharp metal edges.

Tool Set

Standard everyday DIY or carpentry tools such as a tape measure, spirit level, pencil and Stanley knife.

Cutting Tools

Wet, low-speed and low-dust cutting tools are recommended, however, a standard wet circular saw blade with carbide teeth, or a hand-held wet circular saw with a diamond saw blade, will be able to cut through the material, if necessary. A metal hacksaw will be able to cut through the aluminium Trims and Perforated Closures once measured.

Staple Gun

Used when fixing the Damp Proof Course material into the Wooden Battens.

Health and Safety

When working with Fibre Cement materials, it is imperative that proper care is taken and necessary precautions are met. When Fibre Cement Boards are cut, fine dust is released into the atmosphere - the mineral itself is harmless, however dangerous if inhaled and will constitute a health hazard. A Level P3 Respiratory Protective Mask should be worn when cutting the Boards.

DO'S & DON'TS

Do not install Fibre Cement Wall Cladding if the Boards, building or the surrounding areas are wet

Do not cut the Fibre Cement Wall Cladding Boards indoors

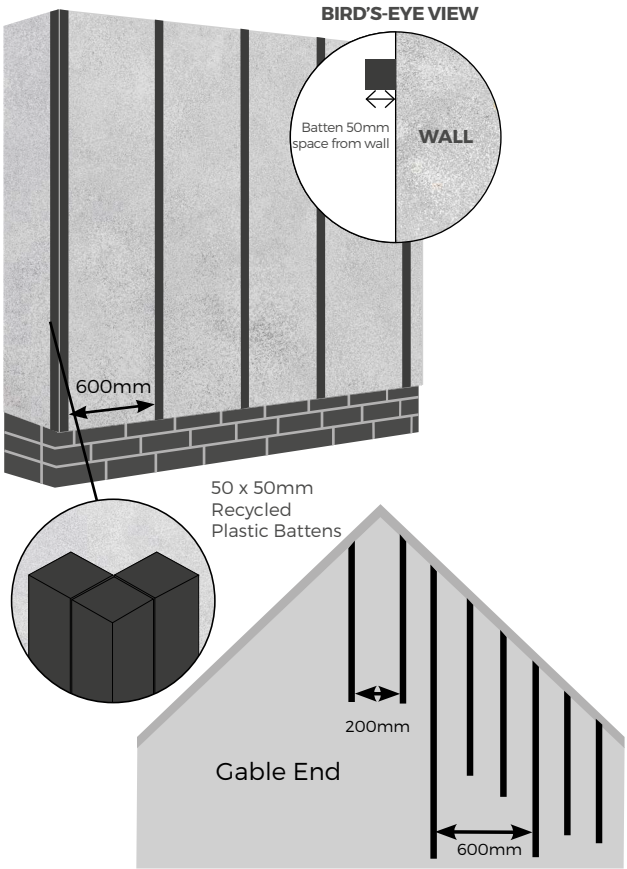
Do not dry sweep dust or debris off the Boards, as it may cause the particles to enter the air and could be inhaled – wipe away with a damp cloth

Always follow the tool manufacturer's safety recommendations when using saws or other machinery

Nail guns can be used for fixing the Boards

Always carry Fibre Cement Boards horizontally with the help of another physically abled adult

PREPARING THE WALL



STEP 1: BATTENS

Install 50mm x 50mm Recycled Plastic Battens flush to the wall, creating a minimum 38mm ventilation gap between the wall and the Fibre Cement Cladding Boards.

Battens must be no more than 600mm apart, reducing to 400mm or 500mm at boundary areas, and a clear space of 38mm should be left at the base of the Battens.

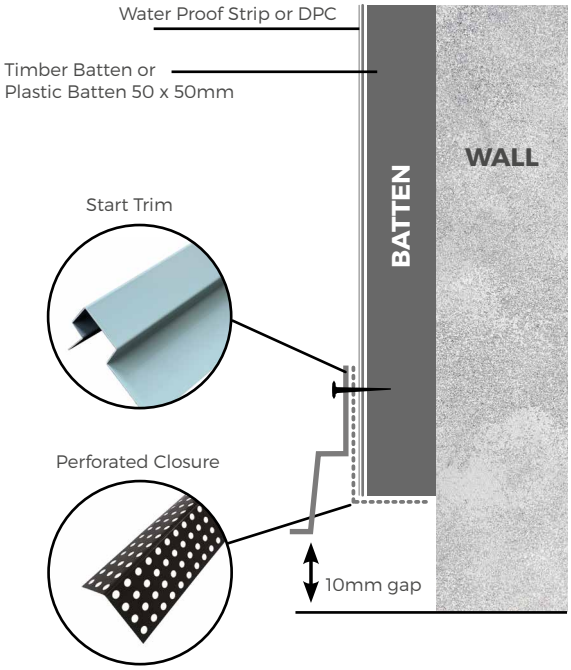
If your home has a gable end, Battens must be spaced up to 600mm apart with additional, shorter supporting Battens installed every 200mm between, going up and down the apex (the triangular shape of your gable end). This ensures the Boards are fully supported across the entire build.

Ensure all Battens are vertical and level using either a tape measure or a spirit level before moving on to the Trims and details.

Please note: the Damp Proof Course must be installed on any Battens around corners, or on any double Battens (where two Cladding Boards are butted together).

Wall End Connection Trims must be installed behind Battens. Refer to our separate Fibre Cement Trims Installation Guide for further details.

INSTALLATION



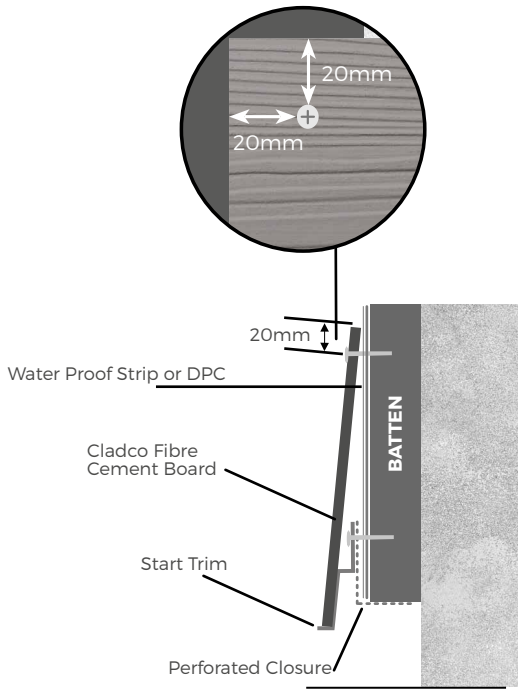
STEP 2: CORNER TRIMS AND START TRIM

Once the Battens are installed a Water Proof Strip or DPC (Damp Proof Course) must be fitted to any Batten which will have a Corner Trim attached to it, or borders any windows or doors. Fix the DPC using a staple gun at regular intervals. Then, at the base of the Battens secure the Perforated Closure using 38mm Screws.

Fix the Corner Trims to the Battens, ensuring the Trim overlaps the Batten on either side by 10mm. Fix the Trim to the Batten using 38mm Screws, at regular intervals until the Trim is secure.

Screw the Start Trim to the Batten, as per the diagram, only at the top of the Trim and through both the Batten and the Perforated Closure at the base.

Ensure the lip of the Start Trim is just below the base of the Batten. Make sure there is a 10mm clearance between the base of the Trim and the base of the wall.



STEP 3: FIXING THE FIRST BOARD

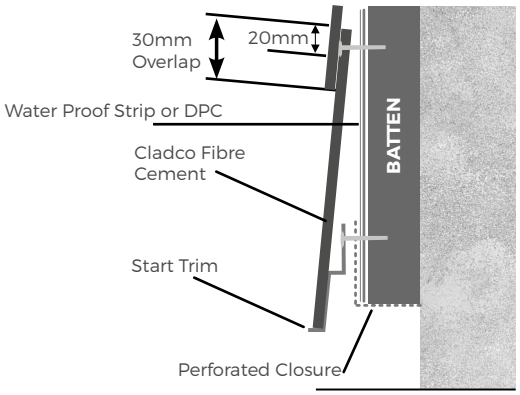
The first Board will be fixed to the side of the building using the attached Start Trim as a support.

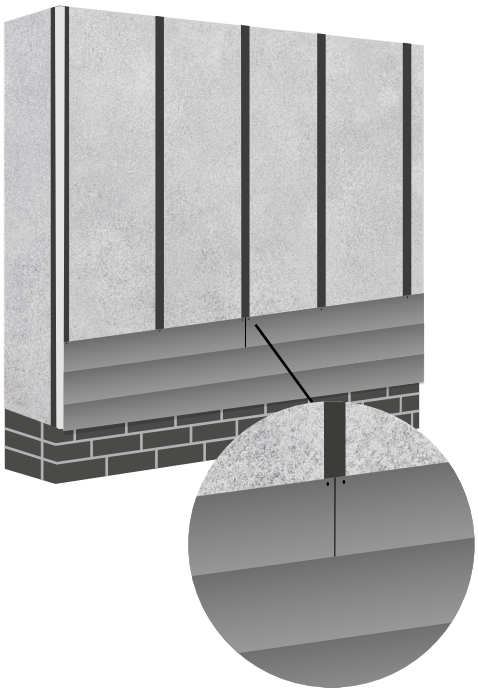
Mark 180mm up from the base of the Start Trim and ensure it is level. This will be where the top of your first Board will sit.

Fix the Board to the Start Trim and Battens behind with a 38mm Screw. Screws should always be inserted at the top of the Board into the Battens.

There must be a 20mm clearance gap between the edge of the Board and each 38mm Screw.

INSTALLATION





STEP 4: FIXING THE REST OF THE BOARDS

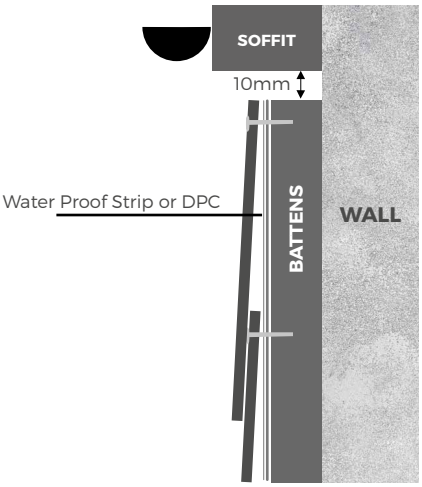
Place your second Fibre Cement Wall Cladding Board so that the base of the Board overlaps the top of the first Board by a minimum of 30mm. The dimensions of the overlap must be maintained throughout the installation.

Insert the 38mm Screw through the top of the new Cladding Board into the Batten as before.

Once the Board has been secured, measure 180mm from the top of the Board to give the next Board's top rate edge height. This is to ensure that the correct gaps are being met throughout the installation. Install the rest of the Boards following this method.

TOP TIP To ensure coverage of your desired width, the Fibre Cement Wall Cladding Boards may need to be butted together. The Boards can be flush next to each other, as the Boards have a minimal expansion and contraction. When two Boards meet, they must be supported by two adjacent Battens behind.

The double Battens must both be fitted with a Damp Proof Course before the Boards are installed.



STEP 5: INSTALLING YOUR LAST BOARD

It is unlikely that Boards will fit exactly to your wall height, and it may be necessary to cut the last Board to the correct width. To ensure the Board is cut correctly, measure the distance from the top of the previous Cladding Board to the top of your wall, ensuring to include the 30mm overlap.

Leave enough space for a 10mm ventilation gap between the Boards and the underside of the soffit.

Once the last Board is cut to size, install exactly as before.

TOP TIP Check the installation with a spirit level every four rows to ensure the angle and level of each Board is maintained throughout.

FINISHING AROUND DOORS AND WINDOWS

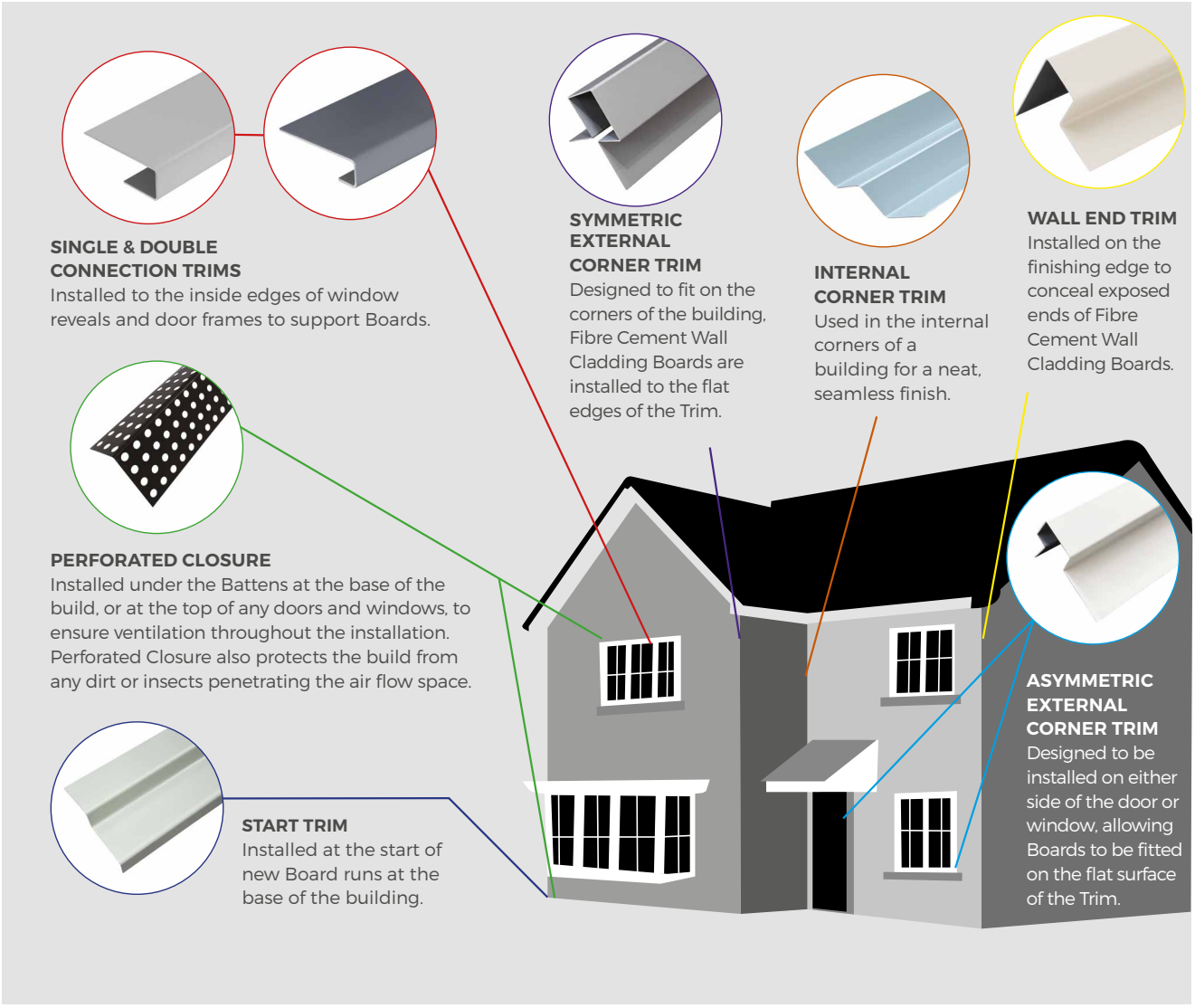
WINDOWS AND DOORS

The Battens above the windows or doors will need to be installed as per Step One with the Perforated Closure cut to the same length as the top section of a window or door frame and installed underneath the Fibre Cement Cladding Boards above the windows or doors.

If Fibre Cement Wall Cladding Boards need to be trimmed and cut to fit around doors and windows, measure the space needed and cut the Boards to length. Be sure to wear a Level P3 Respiratory Protective Mask when cutting the Boards.

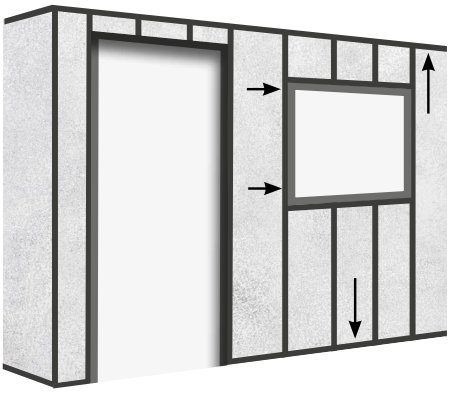
Before the Wall Cladding can be installed around any windows or doors, Asymmetric External Corner Trims must be fixed to the Battens, fitted using 38mm Screws at regular intervals. If your doors, windows or walls require bespoke Trims, these are fitted here instead of the Asymmetric External Corner Trims.

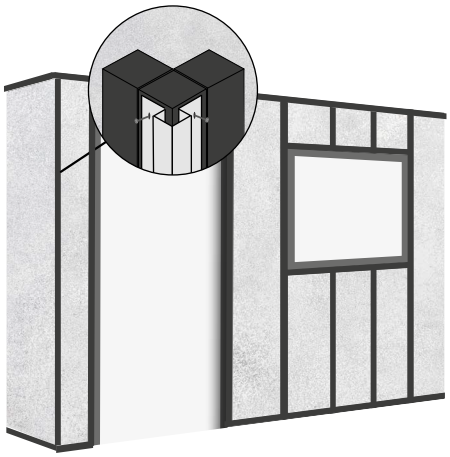
Once installed correctly the Wall Cladding Boards can be fitted onto the Asymmetric External Corner Trims. Secure the cut-to-size Boards using 38mm Screws. If installing Boards into a window reveal, please refer to our Fibre Cement Trims Installation Guide for further detail.

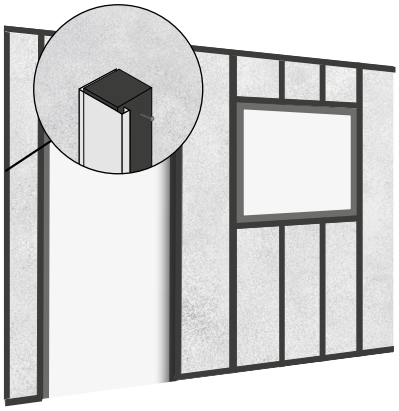


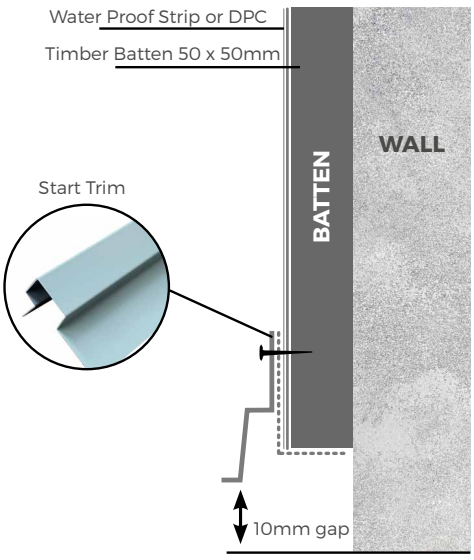
IF YOU REQUIRE ADDITIONAL TRIMS AND FIXINGS FOR YOUR PROJECT, PLEASE SPEAK TO US FOR ASSISTANCE.

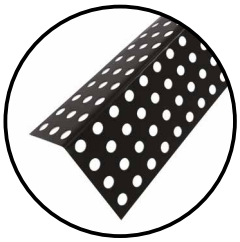
FIBRE CEMENT TRIMS





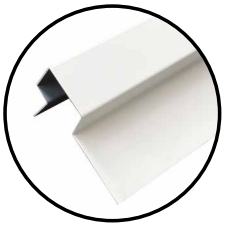






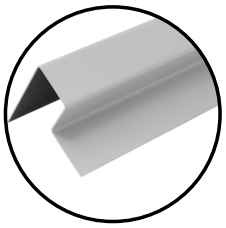
STEP 1: INSTALL PERFORATED CLOSURES

Perforated Closure must be installed before the Trims. Start by measuring the width of the top and bottom of the walls and windows, as well as the width of any doors. Cut the Perforated Closure to the correct lengths using a hacksaw. Using 38mm Screws, fix the Perforated Closure onto the Timber Battens along the top and bottom of the walls, windows and the top edge of any door frames.



STEP 2: MEASURE AND INSTALL CORNER TRIMS

Measure the height of all external and internal corners of your building, as well as the height of windows and doors. Once measured, use a hacksaw to cut the Symmetric Corner Trims (for external wall corners), Asymmetric External Corner Trims (for external window and door corners), and Internal Corner Trims (for internal wall corners) to the correct sizes. Use 38mm screws to install each of the Corner Trims into place.



STEP 3: MEASURE AND INSTALL WALL END TRIMS

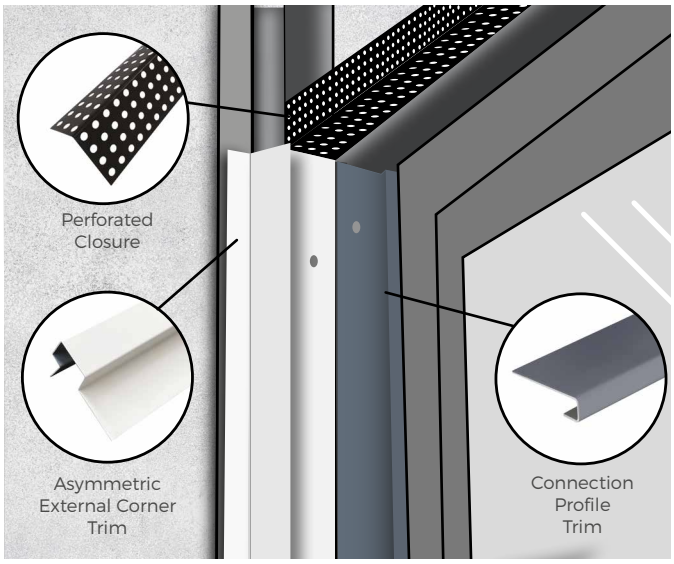
Measure the height of the Battens along the outer edge of your Fibre Cement Wall Cladding installation and cut the Wall End Trims to matching lengths. Fix the Wall End Trim behind the Batten and then secure the Batten into the wall and through the Trim.

Please note: Wall End Trims must be installed before securing Battens to the wall.

STEP 4: INSTALL START TRIMS

Measure the length of the base of your wall and cut the Start Trim to the correct size using a hacksaw. Using 38mm Screws, secure the Start Trim over the top of the Perforated Closure and overlap the External and Internal Corners Trims installed in the previous steps. Leave at least a 10mm gap from the base of the wall to the Start Trim.

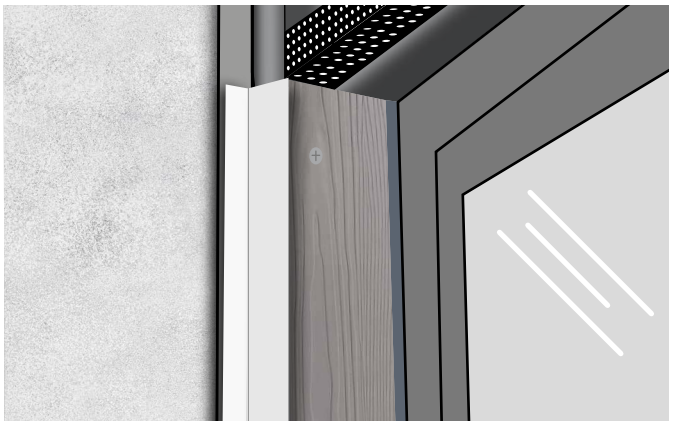
FIBRE CEMENT TRIMS



WINDOW AND DOOR REVEALS

STEP 1

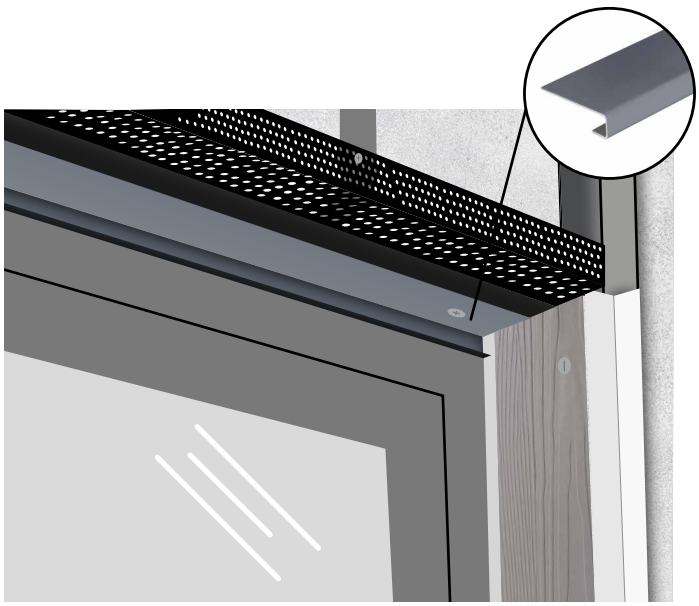
Alongside the Asymmetric External Corner Trims previously installed around windows and doors, secure Connection Profile Trims to the internal corners of a window or door reveal using 38mm Screws, as shown in the diagram. Make sure that the small painted edge of the Connection Profile Trim sits neatly against the window or door frame.



FINISH WINDOW OR DOOR REVEALS

STEP 2

Cladco Fibre Cement Boards can be cut to the same width as the window or door reveals using a wet saw and a Level P3 Respiratory Protective Mask. Slot the Board between the Connection Profile Trim and the Asymmetric External Corner Trim. Use 38mm Screws to fix the Boards into place.

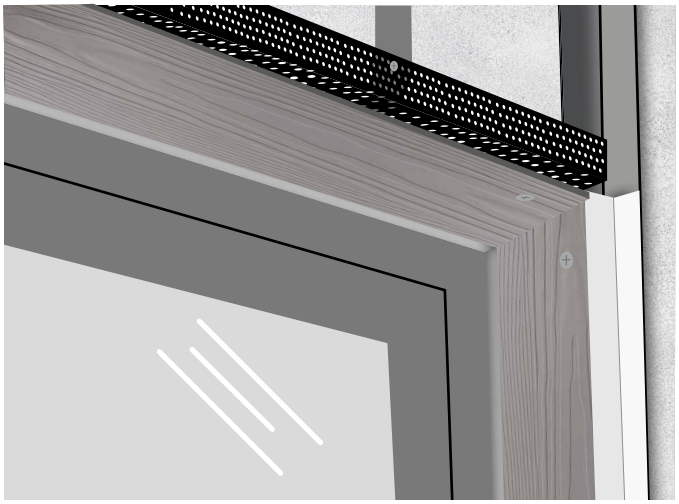


TRIMS AROUND WINDOW HEADS

STEP 3

Measure a Connection Profile Trim to fit the top internal corner of a window or door head. Cut the Connection Profile Trim using a hacksaw and secure into place using 38mm Screws. This will provide adequate support for the overhanging Fibre Cement Board under the window or door head.

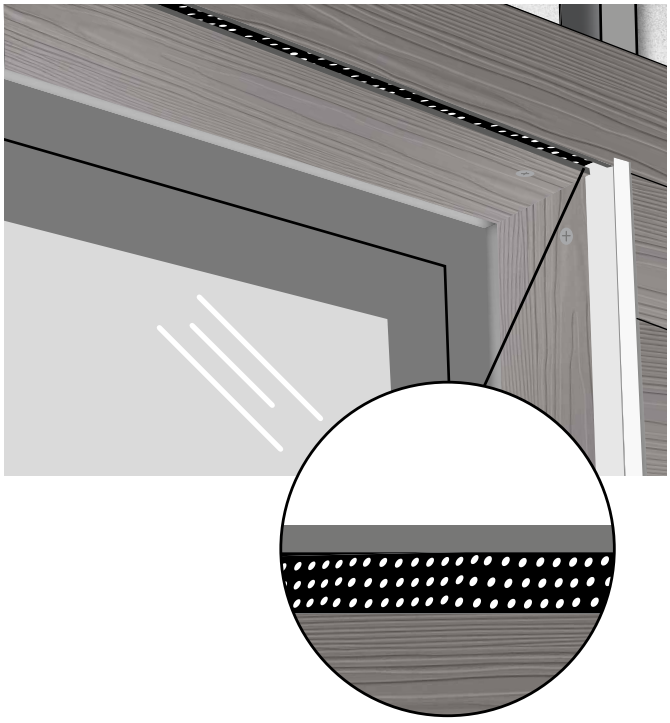
FIBRE CEMENT TRIMS



TRIMS AROUND WINDOW HEADS

STEP 4

Measure and cut the Fibre Cement Board in the same way as before and secure the Fibre Cement Board in place using 38mm Screws. Make sure there is at least a 20mm gap between the edge of the Board and the Perforated Trim to allow for adequate airflow.



View from underneath showing 20mm visible gap for airflow

FINISHING ABOVE WINDOWS OR DOORS

STEP 5

Before installing the next Fibre Cement Board above a window or door frame, a section of the Board matching the width of the window or door frame will need to be measured and cut using a wet saw. Once cut, secure the Board in place using 38mm Screws into supporting Battens.

AFTERCARE

MAINTENANCE

Ensure your Boards are kept clear of debris and dirt by cleaning with lukewarm or cold water. A mild, household dish soap can be added for more stubborn stains such as bird droppings.

Mildew and algae should not grow on the Boards, thanks to their rot and weatherproof properties. Ensure the Boards are kept clean of dirt, pollution and other stains by checking them annually and giving them a quick clean when necessary.

Cladco Fibre Cement Wall Cladding Boards are painted using a paint-and-bake method to give them their durable properties and unique look. However, the Boards can be painted with any coloured outdoor paint for an alternative colour. If you are wishing to paint the Cladding Boards, it is recommended to purchase the Unpainted Fibre Cement Cladding Board.

Important – Do not use high-pressured cleaning systems on Cladco Fibre Cement Wall Cladding Boards as this may cause damage to the paint and finish of the Boards.

FREQUENTLY ASKED QUESTIONS

Where can I install my Fibre Cement Cladding Boards?

Fibre Cement Wall Cladding Boards can be installed on any interior or exterior surface with the correct support structure on garages, sheds, houses, or garden rooms.

Can I use a pressure washer?

Pressure washers are not recommended to be used on Cladco Fibre Cement Wall Cladding Boards as the pressure could strip the Boards of their paint layers and properties.

Simply clean using lukewarm or cold water and light detergent with a cloth or soft brush.

What is dimensionally very stable?

Cladco Fibre Cement Wall Cladding Boards, like any material exposed to sunlight over a prolonged period of time, will get warmer. Like most materials, when Cladco Fibre Cement Wall Cladding Boards change temperature, slight expansion or contraction within the Boards can occur. These changes are minimal compared to alternative products on the market.

Can Cladco Fibre Cement Wall Cladding Boards be installed vertically?

Cladco Fibre Cement Cladding Boards cannot be installed vertically.

The Cladco Fibre Cement Boards are designed to be installed horizontally using a feathering technique, giving your building an attractive finished appearance.

Installing the Boards vertically is not recommended by Cladco Profiles as detailed in Cladco Terms and Conditions.

Can Cladco Fibre Cement Wall Cladding Boards be painted?

Cladco Fibre Cement Wall Cladding have been painted using a paint and bake method which gives the Boards increased durability and strength. Boards can either be painted an alternative colour (if you are doing this, we recommend purchasing the Unpainted Board) and can be touched up if necessary.

Are the Boards scratch resistant?

Cladco Fibre Cement Wall Cladding Boards, thanks to their three layers of baked paint, have increased scratch resistance properties. The baked paint increases the Boards' durability and should not scratch, or mark easily.
Boards may still scratch if handled incorrectly.

What colours are available?

Can I order a Sample?

Cladco Fibre Cement Wall Cladding Samples can be ordered via the website, or by contacting our friendly sales team on 01837 659901.

You can choose two of the nine available options above to sample. The Sample Swatches come with a Cladco Decking Brochure and a Price List.

Head Office
Beardown Road
Exeter Road Industrial Estate
Okehampton
Devon
EX20 1UA

01837 659901

info@cladco.co.uk

www.cladcodecking.co.uk

CLADCO DECKING®