



Pictured - Platinum ProClad Wall Cladding

CLADCO PROCLAD WALL CLADDING

Installation Guide,
Aftercare and FAQs

CLADCO
PROFILES



Pictured - Onyx ProClad Wall Cladding

CONTENTS

Storage, Colour and Warranty	3
Tools and Equipment	4
Prepare your Gable End	5
Installation - Horizontal	6
Installation - Vertical	9
Finishing your Cladding	12
Aftercare and Maintenance	13
FAQ	14



Pictured - Onyx ProClad Wall Cladding



STORAGE AND HANDLING

Cladco ProClad Wall Cladding Boards should always be stored in a cool shaded spot, on a flat and level surface which supports the whole length of the Boards. It is recommended to store the Boards on a pallet to ensure they are not sat directly on wet or cold ground. Boards should be stored properly until they are ready to acclimate prior to installation.

Wear protective gloves when handling the Boards and take care when lifting them. We recommend that a minimum of two physically capable persons carry the Boards. It is recommend that when cutting the Boards, they are placed on a timber surface to prevent scuffing..



COLOUR AND GRAIN

Cladco ProClad Boards are manufactured from Capped Composite materials and are designed to replicate the natural variations of a timber decking board. Each Board features an authentic woodgrain-effect textured surface and a unique multi-tonal colour blend for a natural looking finish, ensuring no two Boards are identical. It is however, still recommended that you purchase all ProClad Boards required for the same project together at the same time, as this will ensure there is colour consistency throughout – whilst saving any additional delivery costs. We advise that all ProClad Boards are laid out prior to installation to ensure a natural, well-balanced tone throughout. As with all materials exposed to direct sunlight, some natural weathering may occur over time. Boards should be acclimatised to the same temperature and stored in the same environment prior to installation.

Please be aware that the appearance of the Capped Composite Boards will change depending on weather conditions and, when wet, Boards will display a different tone compared to when they are dry.



COLOUR VARIATION

To ensure a balanced and visually pleasing result, we recommend laying out all the Boards before installation to evenly distribute the natural variations across your installation.



15 YEAR WARRANTY

Cladco ProClad Cladding Boards are supplied with a 15-year warranty, subject to terms and conditions. Cladco Cladding Boards should be installed as per this Installation Guide, and failure to do so may invalidate the warranty.

For further information, see www.cladcodecking.co.uk/cladco-profiles-limited-conditions-sale.

TOOLS



Protective Equipment

When handling or carrying Cladding Boards it is advised to wear long sleeves and gloves. When cutting the Boards, we suggest wearing a protective dust mask, ear defenders and safety glasses.



Tool Set

Standard everyday carpentry tools will be needed to complete the installation, including a tape measure, pencil and stanley knife.



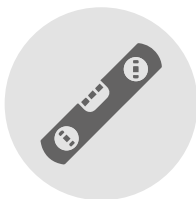
Power Drill Or Driver

Standard power drills can be used when installing ProClad Wall Cladding Boards.



Jigsaw Or Handsaw

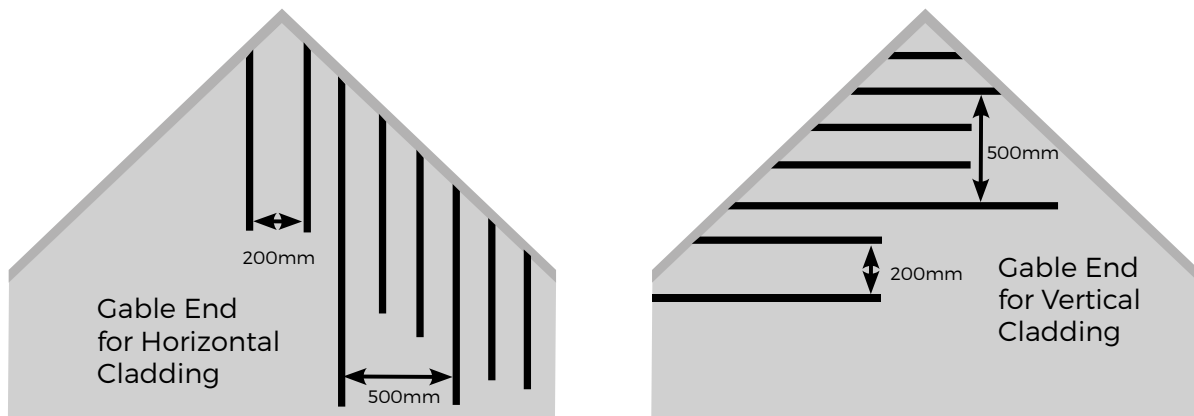
ProClad Wall Cladding Boards can be cut using any standard wood cutting tools. We recommend using a fine-toothed blade to get the cleanest finish to your cut edge.



Spirit Level

A spirit level is essential when installing your Battens to ensure a level support system.

PREPARING A GABLE END



If your home has a gable end, Battens must be spaced up to 500mm apart with additional, shorter supporting Battens installed every 200mm, going up and down the apex (the triangular shape of your gable end). This ensures that the ProClad Boards are fully supported across the entire build.

Ensure all Battens are level using either a tape measure or a spirit level before installing Boards. When installing 30mm x 50mm Composite Battens flush to the wall, be sure to leave an adequate ventilation gap between the wall and the ProClad Cladding Boards to allow air to flow. Check your wall is stable and secure before pre-drilling 6mm holes.



DOORS AND FIXTURES

As a flexible ProClad Cladding Board, wall fixings such as exterior lights can be worked into the exterior just as easy as using timber Cladding.

ProClad Wall Cladding and Capped Composite Corner Trims can be worked around wall fixings, doors and windows easily using normal woodworking tools. This allows for additional features, such as exterior garden lights, to be added into your design for a professional finish.



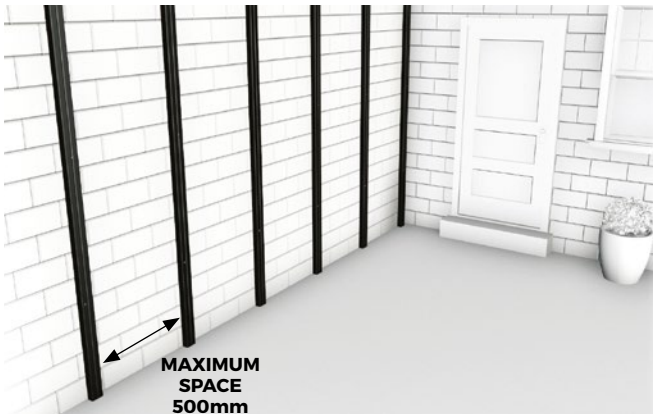
Pictured - Burnt Oak ProClad Wall Cladding

INSTALLATION - HORIZONTAL



1 You will need to pre-drill the Battens and the surface below using a 6mm drill bit. The Battens are 30mm high and you will need to secure them at least 50mm into the surface below. You will need to choose fixings suitable for the surface you are fixing into. Screws should be 5-6mm diameter and at least 80mm long*.

*Cladco do not provide the fixings and screws for your installation.



2 Battens should be attached to the surface at a maximum distance of 500mm apart. The Battens will need to run the entire length of the area being clad, adding in additional Battens at any point where you will need to join two Cladding Boards end to end. Remember to install your Battens at a 90-degree angle to the way that you want your Wall Cladding Boards to run. Battens should be 50mm wide x 30mm high and should be fully supported once installed. It is important that the surface below the Battens is flat and stable.



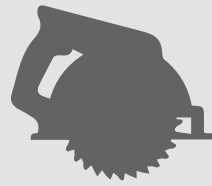
3 Attach a Starter Strip to the bottom of each Batten, leaving a 10mm ventilation gap at the base of the installation. Ensure no sealant is applied around this area. This will give the first Cladding Board something to sit on. You will need to pre-drill a pilot hole into the Composite Batten and attach the Starter Strip using a screw that is at least 15mm long. Ensure that each Strip is level with the next and that the first Board sits level on the Strips before continuing to the next step.

INSTALLATION - HORIZONTAL



AIRFLOW

Ensure your substructure design allows for significant airflow and ventilation.



CUTTING

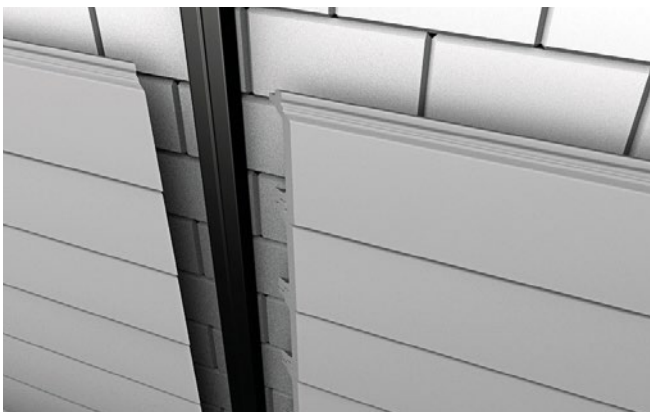
If Boards need to be cut to size, ensure the Boards are installed and secured immediately after cutting.



4 Place the first Wall Cladding Board on to the Starter Strips. Mark and then pre-drill pilot holes through the fixing groove of the Board into the Batten below. Secure the Boards using a screw at least 20mm in length, ensuring that the Board is fastened securely on each Batten that it touches. Secure these fixings by hand, as is important not to over-tighten the screws and risk splitting the Board.



5 Slot the second Board onto the first and repeat the fixing process ensuring that the second Board is fitted securely in place on each Batten. Repeat this process with each Board until you reach the required height. Ensure that the section between the Battens remains empty to allow air to flow beneath the Boards.

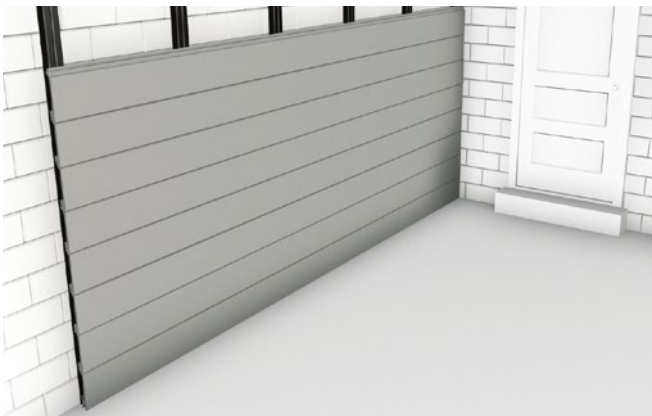


6 When butting two Boards together, you should use a mitered edge for a neat finish. The most common miter angle is 45 degrees. As the cuts are angled, you'll have one side of the wood longer than the other. You'll need to keep track of which side will be which and make your measurements correctly.

INSTALLATION - HORIZONTAL



7 Set the miter saw to the angle it will need to cut. Use the included instructions for your machine, as each is different. Set the pieces side by side to ensure a neat joint. Screw the Wall Cladding through the top and into the Batten. Please refer to our temperature guide on page 4.



8 Continue to fit the Cladding Boards in this manner until you have completely covered the area you want. It is possible to fit your Boards side by side by simply butting the two ends up together and allowing for a temperature expansion gap (refer to page 4). You must install more Battens if you wish to do this, as each Board will need to be supported on a Batten where it meets the next Board.



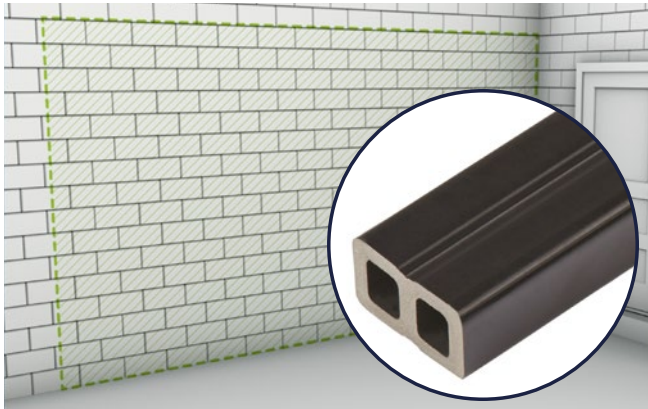
WOODGRAIN EFFECT DECKING

Did you know, we also have ProDeck Capped Composite Decking Boards in a woodgrain or grooved finish? With six colours available you can achieve a sleek and stylish look to compliment or contrast your space.



Pictured - Platinum ProDeck Woodgrain Decking

INSTALLATION - VERTICAL

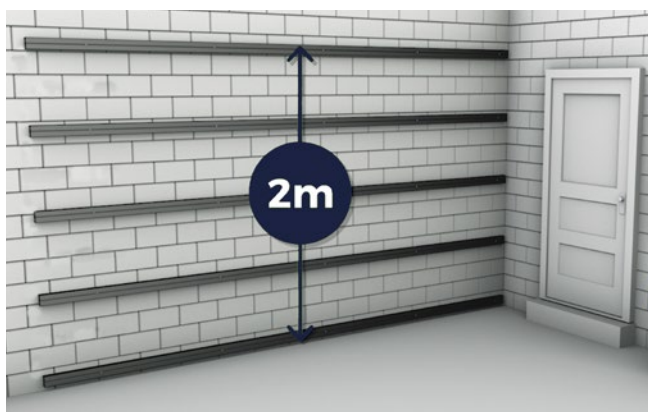


1 It is recommended that the Battens used to support your Cladco Wall Cladding are made from a composite material, which helps to maximise the long term performance of your Cladding. Alternatively, you can use wooden Battens to support your Cladding following the same fitting process as you would for Composite Battens.



2 You will need to pre-drill the Battens and the surface below using a 6mm drill bit. Cladco Composite Battens are 30mm high and you will need to secure them at least 50mm into the surface below. You will need to choose fixings suitable for the surface you are fixing into. Screws should be 5-6mm diameter and at least 80mm long*.

*Cladco do not provide the fixings and screws for your installation.



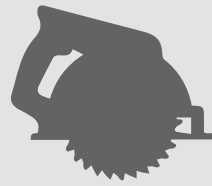
3 Battens should be attached to the surface at a maximum distance of 500mm apart. The Battens will need to run the entire length of the area being clad, adding in additional Battens at any point where you will need to join two Cladding Boards end to end. Remember to install your Battens at a 90 degree angle to the way that you want your Wall Cladding Boards to run. It is important that the surface below the Battens is flat and stable.

INSTALLATION - VERTICAL



AIRFLOW

Ensure your substructure design allows for significant airflow and ventilation.

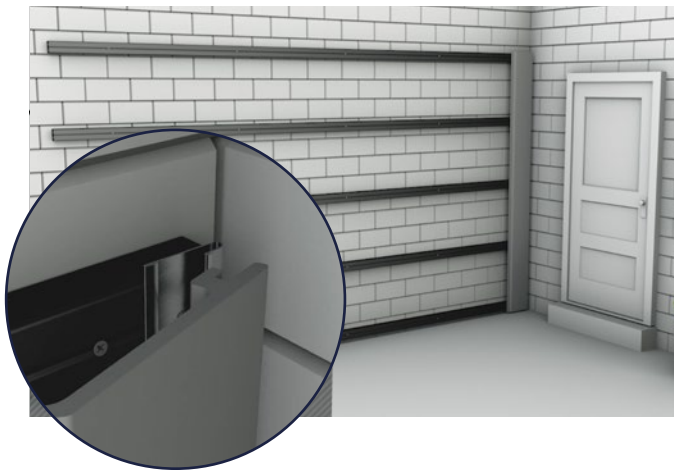


CUTTING

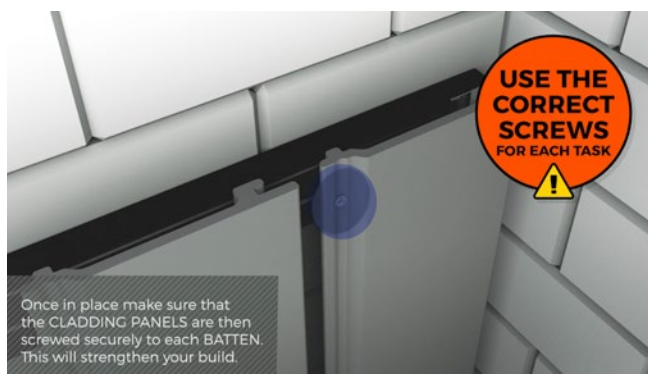
If Boards need to be cut to size, ensure the Boards are installed and secured immediately after cutting.



4 Attach a Starter Strip to the right side of each Batten, as this will give the first Cladding Board something to sit on. You may wish to pre-drill a pilot hole into the Composite Batten and attach the Starter Strip using a screw that is at least 15mm long. Ensure that each Strip is level with the next and that the first Board sits level on the Strips before continuing to the next step. Leave a 10mm ventilation gap at the side of the installation and ensure no sealant is applied around this area.



5 Place the first Wall Cladding Board on to the Starter Strips. Mark and then pre-drill pilot holes through the fixing groove of the Board into the Composite Batten below. Secure the Boards using a screw at least 30mm in length, ensuring that the Board is fastened securely on each Batten that it touches. Secure these fixings by hand, as it is important not to over-tighten the screws and risk splitting the Board.

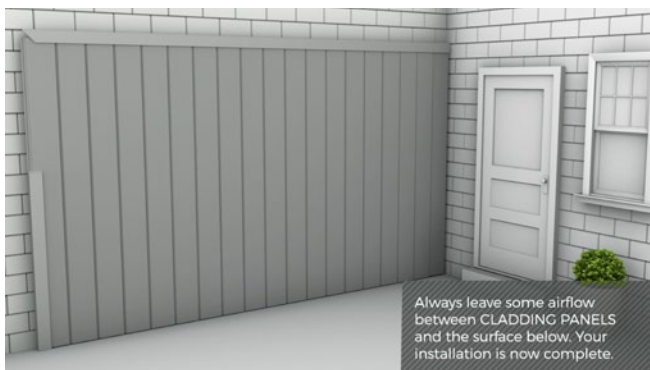


6 Ensure that the section between the Battens remains empty allowing air to flow beneath the Boards. Slot the second Board onto the first and repeat the fixing process ensuring that the second Board is fitted securely in place on each Batten.

INSTALLATION - VERTICAL



7 It is possible to fit your Boards side by side by simply butting the two ends up together. You may need to install more Battens if you wish to do this, as each Board will need to be supported on a Batten where it meets the next Board. Continue to fit the Cladding Boards in this manner until you have completely covered the area you want.



8 Depending on your installation, you may want to finish off the edges using Trims to give you a lasting professional look. There are a range of Trims available in all colours to complement your Cladding Boards, which can be secured to your installation by glue.

SHARE YOUR PROJECT

We love seeing how our customers have used Cladco Wall Cladding Boards to transform their buildings. Send us your finished project by emailing photos into images@cladco.co.uk, or tag us on Instagram using [@CladcoProfiles](https://www.instagram.com/CladcoProfiles).



Pictured - Onyx Prolad Wall Cladding

FINISHING TOUCHES

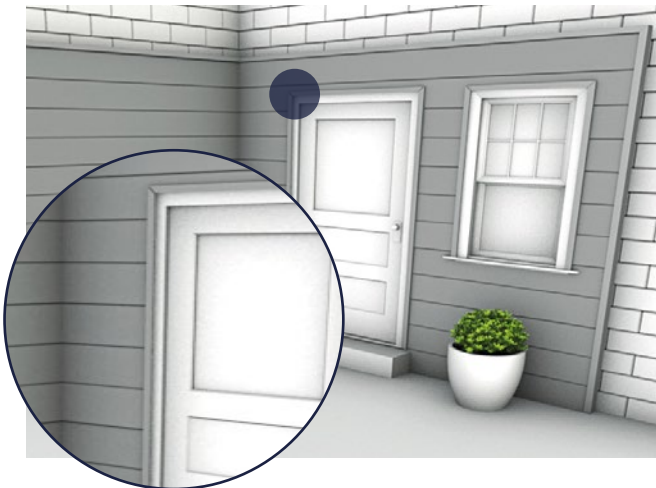


AIRFLOW

Please do not completely seal your installation to allow some air to flow between the Cladding Boards and the surface below when fitting the Trims. Allow for a 10mm air gap between the Cladding Boards and the base of the installation.

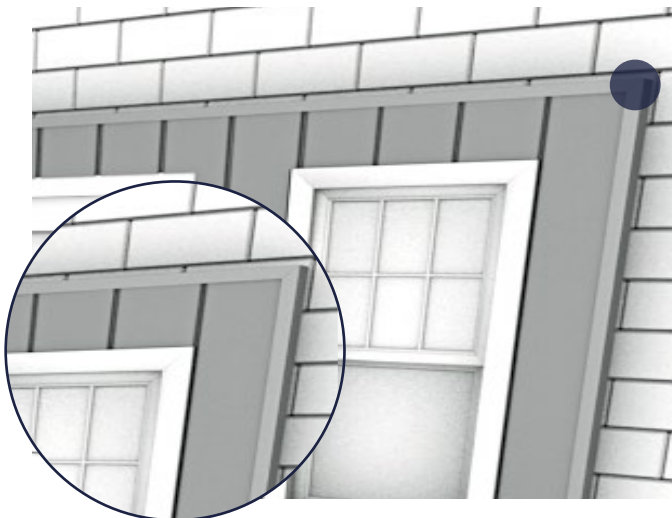


Whether you have installed ProClad Wall Cladding vertically or horizontally, you can use matching Composite Corner Trims to complete the look of your project for a professional touch. ProDeck Corner Trims can be worked into your installation easily using normal woodworking tools and CTI Adhesive.



Installing Corner Trims is the last phase of the project. Install ProClad Wall Cladding as above right up to any windows or doors.

Take the Corner Trim and measure the length of the area it's going to be fitted on, for example, the width and height of a door or window. Corner Trims can be cut to length and worked just like timber. If placing two trims side by side, these can either be mitered to create a neat angle, or cut to fit.



Once the Corner Trim is cut to size, you can use CTI Adhesive along one or both sides of the Corner Trim to attach it to the edge of the Cladding.

To allow for expansion you may wish to only glue the top edge. Once installed, you can then cut and place the second piece of Trim along the edge until you have the desired finished look.

AFTERCARE AND MAINTENANCE

Cladco ProClad Wall Cladding has a 15-year warranty and is stain and fade resistant. In some cases, pressure washing may be required for persistent dirt. When using a pressure washer, it is recommended that a distance of at least 30cm is left between the Cladding and the nozzle, to avoid any damage.

For standard everyday debris such as plants, leaves, berries, animal droppings, simply brush away. Soapy water can also be used to ease this process.



1 Use a brush to remove any debris, such as leaves, from the Cladding to create a clear surface ready for cleaning.



2 Prepare a bucket of hot soapy water. You may want to wear rubber gloves.



3 Apply the hot soapy water to your Cladding. Once applied use a brush to scrub the surface of the Cladding. Any surface debris will start to lift off.



4 Leave the hot soapy water on the surface for several minutes before rinsing. Ensure all soap and debris have been successfully removed from the Boards before leaving to dry.

FIRE AND HEAT SOURCES

Precautions should be taken when using fire pits and BBQs near ProClad Wall Cladding. Caution should be taken with embers coming into contact with the Cladding. Cladco cannot be held responsible for any fire damage or flames that come into contact with the Cladding. To use a heat source near the Cladding is entirely at the risk of the customer.

MOULD AND MILDEW

Mould and mildew are common in outdoor environments. The climate will affect how mould grows, dependent on temperature and moisture levels. To minimise mould growth on your Cladding, ensure it is cleaned often. If mould is present, use soapy, hot water to remove. In cases of more stubborn dirt or grime, pressure washing may be necessary to restore the Cladding's appearance.

DISCOLOURATION

Discolouration can be caused by chemicals found in everyday household products, such as suntan lotion, or insect repellent. Take care when using these products near your ProClad Boards.

During the first 6-12 months after installation, the colouring of the Cladding will stabilise. During this time, ProClad Wall Cladding may fade naturally from weathering before stabilising to a final colour.

FREQUENTLY ASKED QUESTIONS

Can Wall Cladding Boards be installed indoors?

Yes, Cladco ProClad Wall Cladding is a versatile Cladding material, designed to transform the exterior of your home. However, the Boards can easily be installed indoors, if desired.

Can I use a pressure washer?

A pressure washer can be used to clean your ProClad Cladding Boards. We recommend using a pressure washer with a psi of no greater than 2,000.

A fan tip should be used with a 40 to 60 degree spread, keeping the head 250-300mm away from the surface. Always test in an inconspicuous area first. Direct, prolonged contact could damage the surface of the Boards and should be avoided.

Do I need planning permission to put my Wall Cladding up?

In most cases, adding Cladding to your home does not require planning permission, providing that the materials are of a similar appearance to the rest of your home. In some cases, you may need to apply for planning permission if your home is a listed building in an area of exceptional beauty or a national park. Please note that we are not licensed planning or building surveyors. We recommend speaking to a licenced professional.

Do I need to paint my ProClad Wall Cladding Boards?

Cladco ProClad Wall Cladding Boards are available in a variety of six colours. The low-maintenance Composite material with a capped Polymer shell does not need to be sanded, treated or painted. Simply select your chosen colour, install and enjoy.

How much do ProClad Cladding products weigh?

Cladco ProClad Wall Cladding Boards are available in 3.6m lengths. Each Board weighs approximately 6.15kg.



What colours are available?

ProClad Cladding is available in six colours to match your chosen design or to blend into the environment. ProDeck Corner Trims are also available in the same six colours.

Do ProClad Cladding Boards fade?

These Cladding Boards may undergo a stabilisation process, during which a slight fading will occur as they reach their final colour. This process generally takes place within the first six months following installation, particularly evident in woodgrain designs, where variations in shading may result from the sanding process.

Are darker colours better than lighter ones?

In general, lighter colours such as Sandstone will show dirt and marks more clearly. Darker colours, however, will naturally weather over time to their final colour within six months of installation.

What is ProClad Cladding made of?

Cladco ProClad Wall Cladding products are manufactured from 60% recycled hardwood fibres and 40% recycled Plastic that makes up the Composite core. This is then capped with a Polymer protective shell for increased strength.

FREQUENTLY ASKED QUESTIONS

Is ProClad Cladding maintenance-free?

ProClad Wall Cladding needs less upkeep and is less maintenance than traditional Timber or even Composite Cladding options. However, the Cladding may accumulate dirt over time as with most building exteriors. This can be easily removed with a brush and water if needed. For more stubborn debris, soapy water can be used to facilitate the cleaning of the surface.

Why are watermarks appearing on my Composite Cladding?

Watermarks may occur as a result of the weathering process associated with Composite materials. As the tannins from the timber content of the Boards come to the surface, these marks can become visible. This condition is temporary, and the marks will naturally fade as the Cladding stabilises.

Do ProClad Boards fade?

Composite materials are prone to fading over time. Although the core of the ProClad Boards are made from this material, the capped shell should minimise this. If this does occur, the colour should stabilise within the first 6-12 months after installation.

Are ProClad Boards susceptible to scratching?

The Polymer capped protective shell makes the ProClad Boards highly resistant to scratching, as well as stains, mould and varying weather conditions.

Do some colours need more maintenance than others?

Some of our lighter Cladding colours, such as Sandstone, can show dirt more easily, so you will likely need to clean them more often than our darker colours.

Why is airflow behind the Boards necessary?

Cladco ProClad Wall Cladding functions as a rain screen Cladding option, which allows adequate airflow to enable proper ventilation of any rainwater that may penetrate the Cladding. Without sufficient airflow, standing water will not evaporate, which can lead to mould spots on your Cladding.

Why is spacing at the ends of the Boards required?

Ventilation behind your Cladding Boards is crucial for the evaporation of excess water. Allowing space at the ends of the Boards, around the perimeter of your installation, provides an exit for air and improves moisture control.

Can This Be Used on Domestic Properties?

Cladco ProClad Wall Cladding is an appropriate choice for exterior applications on domestic properties. However, it is the responsibility of the customer to ensure that the product complies with relevant building standards and regulations. Cladco shall not assume any liability should the products fail to meet specific building, fire, structural, or other legal requirements pertinent to your intended use or installation.

Why is mould appearing on my Cladding?

Mould or mildew may develop due to airborne spores. Ensure proper airflow behind the Cladding and maintain adequate spacing during installation. Regular checks and cleaning will keep your Cladding in excellent condition.



Head Office

Beardown Road
Exeter Road Industrial Estate
Okehampton
Devon
EX20 1UA

01837 659901

info@cladco.co.uk

www.cladcodecking.co.uk

CLADCO
PROFILES

Pictured - Rosewood ProClad Wall Cladding