STORM BUILDING PRODUCTS

OUTDOOR LIVING

TRITON CLADDING

PRODUCT BROCHURE

A sleek and stylish timber alternative, designed to transform any space.

For more information or technical advice, call our team on 01278 455326

INTRODUCING TRITON CLADDING

Slatted cladding offers a stylish and lightweight solution, ideal for those seeking a contemporary look with minimal effort. Its easy installation and excellent durability ensure a robust and polished appearance from all angles.

In contrast, Shiplap cladding combines traditional looks with modern style, featuring sleek lines and a flawless finish. Both options provide versatile, durable and attractive choices for enhancing any building's exterior.

For more information about our TRITON Cladding, call 01278 455326 or email sales@stormbuildingproducts.com.

Note: Images and colours shown in this brochure are for illustrative purposes only as printing does not allow 100% accuracy transfer for true colour to be reproduced.

The benefits of TRITON WPC Cladding

- 10-year warranty
- Easy installation
- Eco-friendly and environmentally friendly
- Versatile
- Does not rot, splinter or warp
- Durable and long lasting

TWO STYLES, THREE STUNNING COLOURS

Choose from three stunning colours that perfectly complement any design, ensuring a flawless finish that enhances your outdoor space.

Durable, versatile and eye-catching - whichever style you choose, you're guaranteed a stunning upgrade that lasts.

SLATTED CLADDING

SHIPLAP CLADDING

FREQUENTLY ASKED QUESTIONS

What is WPC cladding?

Wood-plastic composite (WPC) cladding is a revolutionary cladding with a unique composition that replicates wood without the maintenance or hazards of traditional timber cladding.

What is the best thing about WPC Cladding?

The best thing about WPC cladding is that it is safe, easy to install, and requires low maintenance.

What is the difference between composite cladding and wood?

Traditional cladding is susceptible to many issues over time; rotting, splintering and warping to name a few. However, composite cladding ensures a pristine 'wood look' - with much greater durability.

COMPONENTS LIST

Slatted Cladding (2.5m)

Code	Description
WPCSLAT25-CH	2.5M WPC SLATTED CLADDING CHARCOAL
WPCSLAT25-GY	2.5M WPC SLATTED CLADDING GREY
WPCSLAT25-TK	2.5M WPC SLATTED CLADDING GOLDEN TEAK

Available in an ideal 2.5-metre length, perfect for both residential and commercial applications and provides an excellent combination of durability and aesthetics.

Slatted Cladding (3.6m)

Code	Description
WPCSLAT36-CH	3.6M WPC SLATTED CLADDING CHARCOAL
WPCSLAT36-GY	3.6M WPC SLATTED CLADDING GREY
WPCSLAT36-TK	3.6M WPC SLATTED CLADDING GOLDEN TEAK

For projects requiring longer lengths, 3.6 metres is the perfect choice. These cladding panels are designed to offer an extended reach without compromising on quality or style.

Slatted Cladding External Corner

Code	Description
WPCSLAT-EXT-CH	3.6M WPC SLATTED CLADDING EXT CORNER CHARCOAL
WPCSLAT-EXT-GY	3.6M WPC SLATTED CLADDING EXT CORNER GREY
WPCSLAT-EXT-TK	3.6M WPC SLATTED CLADDING EXT CORNER GOLDEN

This piece is designed to provide a seamless finish to external corners.

Slatted Cladding Internal Corner

Code	Description
WPCSLAT-INT-CH	3.6M WPC SLATTED CLADDING INT CORNER CHARCOAL
WPCSLAT-INT-GY	3.6M WPC SLATTED CLADDING EXT CORNER GREY
WPCSLAT-INT-TK	3.6M WPC SLATTED CLADDING EXT CORNER GOLDEN

This piece is designed to provide a seamless finish to internal corners.

COMPONENTS LIST

Shiplap Cladding (2.5m)

Code	Description
WPCSHIP25-CH	2.5M WPC SHIPLAP CLADDING CHARCOAL
WPCSHIP25-GY	2.5M WPC SHIPLAP CLADDING GREY
WPCSHIP25-TK	2.5M WPC SHIPLAP CLADDING GOLDEN TEAK

Shiplap Cladding in an ideal 2.5-metre length, perfect for both residential and commercial applications and provides an excellent combination of traditional looks and durability..

Shiplap Cladding (3.6m)

Code	Description
WPCSHIP36-CH	3.6M WPC SHIPLAP CLADDING CHARCOAL
WPCSHIP36-GY	3.6M WPC SHIPLAP CLADDING GREY
WPCSHIP36-TK	3.6M WPC SHIPLAP CLADDING GOLDEN TEAK

Shiplap cladding in 3.6 metres is the perfect choice. These cladding panels are designed to offer an extended reach without compromising on quality or style.

Shiplap Cladding Angle Trim

Code	Description
WPCSHIP-AT-CH	3.6M WPC SHIPLAP CLADDING ANGLE CHARCOAL
WPCSHIP-AT-GY	3.6M WPC SHIPLAP CLADDING ANGLE GREY
WPCSHIP-AT-TK	3.6M WPC SHIPLAP CLADDING ANGLE GOLDEN TEAK

When finishing your project, this trim provides a clean and professional look, but it also protects the edges from wear and tear.

Cladding Accessories

Code	Description
WPCCLAD-CLIP	S/S CLADDING CONNECTOR CLIP PK100
WPCCLAD-SCREW	S/S CLADDING SCREWS PK100
WPCCLAD-STR	S/S CLADDING STARTER CLIP PK20

Our stainless steel connector clips (Pack of 100) and screws (Pack of 100) offer durability and rust resistance, while the starter clips (Pack of 20) provide a solid foundation for your cladding project. These accessories guarantee a professional and lasting finish.

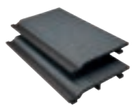
DATA SHEET

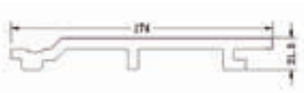
SLATTED CLADDING

Item	Results
Composition	55% Wood powder/35% HDPE/10% Chemical Additives
Colours	Charcoal, Light Grey, Golden Teak
Thickness and width (Tolerance ± 0.5 mm)	26 mm* 219 mm. Application area 200 mm
Length	2.5m and 3.6m
Density kg/cm^3	1.32
Water absorption %	Max. 0.5%
Linear thermal expansion coefficient (-20 -80°C)	35.8x10^{-6} K^{-1}
Degree of Chalking	Rate 0, No Chalking
Formaldehyde content	None Detected
Heat build-up	Δ T=-2.8°C
Resistance to artificial weathering	After 2000 hours exposure, Δ E*=1.25
Warranty	10 Year Warranty for Splitting, Cracking and Structural Damage
Fire Rating	Class B

SHIPLAP CLADDING

Item	Results
Composition	60% Wood powder/30% HDPE/10% Chemical Additives
Colours	Charcoal, Grey, Teak
Thickness and width (Tolerance ± 0.5 mm)	21 mm* 174 mm Application area 150mm
Length	2.5m and 3.6m
Density kg/cm^3	1.35x10^3
Water absorption %	Max. 0.5%
Linear thermal expansion coefficient (-20 -80°C)	35.8x10-6K-1
Degree of Chalking	Rate 0, No Chalking
Formaldehyde content	None Detected
Heat build-up	Δ T=-2.8°C
Resistance to artificial weathering	After 2000 hours exposure, Δ E*=1.25
Warranty	10 Year Warranty for Splitting, Cracking and Structural Damage





WARRANTY

Southgate Enterprises Ltd (hereinafter "STORM") warrants to the original purchaser that, for the period of time set forth in the following sentence, under normal use and service conditions that STORM TRITON cladding products shall be free from material defects in workmanship and materials, shall not split, splinter, rot or suffer structural damage from termites or fungal decay. The term of such warranty shall be ten (10) years from the original purchase from STORM (in relation to the Replacement Proportion) and shall be installed and maintained according to the manufacturer's guidelines. If a defect occurs within the warranty period, the purchaser must, within ten (10) working days from discovery of the defect but no later than the end of warranty period, notify STORM in writing at the following email and address: sales@stormbuildingproducts.com. Unit 9 Robins Drive Castlefields Industrial Estate, Bridgwater TA6 4DL.

The Purchaser must include proof of purchase along with statement and photos explaining the defect and the date the products were installed in this notification.STORM may request additional information to assist any necessary investigation. After reviewing all information and upon completion of an investigation, STORM shall make a determination with respect to the validity of such a claim. If STORM confirms the Purchaser's claim as valid, STORM's sole responsibility shall be to either replace the defective products or refund the portion of the purchase price paid by the Purchaser for any defective products.

Other Costs

This warranty shall not cover and STORM shall not be responsible for costs and expenses incurred with respect to the removal of defective STORM TRITON cladding products or the installation of replacement materials, including but not limited by labour and freight. STORM shall have no further liability of obligation except as expressly stated herein. Under no circumstances will STORM be liable for special, incidental or consequential damages, whether such damages are sought in contract, in tort (including but not limited to negligence and strict liability) or otherwise, and STORM's liability with respect to defective STORM TRITON cladding products shall in no event exceed the replacement of such products or refund the purchase price, as described.

Exclusion

STORM does not warrant against and is not responsible for, and no implied warranty shall be deemed to cover any condition attributable to:

1. Installation of STORM TRITON cladding products and/or failure to avoid by STORM's installation guidelines, including but not limited to gaping.
2. Use of STORM TRITON cladding products beyond normal use and service conditions, or in an application not recommended by STORM guidelines and local codes.
3. Movement, distortion, collapse or setting of the ground the supporting structure on which STORM TRITON cladding is installed.
4. Any act of God (such as, but not limited to, flooding, hurricane, earthquake, thunder and lightning, etc.), environmental conditions (such as, but not limited to, dirt, grease, oil, etc.) or normal weathering.
5. Fading or changes in colour of STORM TRITON cladding products.
6. Handling, storage, abuse or neglect of STORM TRITON cladding products by Purchaser
7. Decay caused by fasteners.
8. Ordinary wear and tear.

This warranty may not be altered or amended except in a written instruction signed by STORM and the Purchaser. No person or entity is authorised by STORM to make; and STORM shall not be bound by any statement or representation as to the quality or performance of STORM TRITON cladding products other than contained in this warranty.

Replacement Proportion

After the original purchase date, the Purchaser's recovery shall be prorated in the following manner:

Year of Claim	Replacement Ratio (%)
1-3	100%
4-5	70%
6-7	50%
8-9	30%
10+	10%

Important note:

Splitting, cracking, and structural damage will only be covered by the warranty if the cladding is installed according to STORM's instructions. Failure to follow these instructions will void the warranty. The warranty does not cover variation or changes in the colour of the TRITON Cladding.

INSTALLING TRITON SLATTED CLADDING

Important installation instructions

- Before installing any composite product, it is recommended that you check your local building codes for any special requirements or restrictions. The diagrams and instructions outlined in this guide are for illustrative purposes only and are not meant or implied to replace a licensed professional. Any construction or use of Triton Cladding products must comply with all local regulations. The consumer assumes all risks and responsibilities associated with the construction and use of this product.
- Please take safety precautions before installing Triton Cladding. Check that your equipment is working properly and is free of malfunctions, and wear protective safety gear such as gloves, goggles, and protective footwear.
- Proper installation of Triton Cladding requires a clean, smooth, flat and sturdy surface. Check with local building regulations before installing any type of cladding. Triton Cladding need to be placed on a flat surface at all times. Never place on an uneven surface.
- Plan the layout for your cladding before you begin to ensure you get the best look for your project. Almost every type of cladding requires permits and inspections from regulatory bodies. We recommend planning the overall layout approach and scope of the layout prior to installation to try to avoid mistakes in this area.

Be careful of excessive heat on the surface of Triton Cladding from external sources such as but not limited to fire or reflection of sunlight from energy-efficient window products. Low-emissivity (Low-E) glass can potentially harm the cladding. Low-E glass is designed to prevent passive heat gain within a structure and can cause unusual heat build-up on exterior surfaces. This extreme elevation of surface temperatures, which exceeds that of normal exposure, can cause Triton Cladding to melt, sag, warp, discolour, increase expansion/contraction, and accelerate weathering.

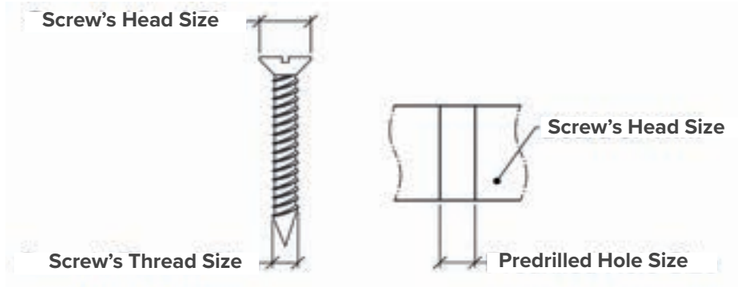
When fastening Triton Cladding, all screws that are face fastened should always be driven in at a 90 degree angle to the siding surface. Toe nailing/screwing should never be done to the products. An extra joist should be added if a 90-degree angle cannot be driven into the board. All fasteners should be on their independent joists, when two board ends meet each other there must be a sister joist. Use white chalk, straight boards, or string lines as templates for straight lines.

NEVER USE COLOURED CHALK, Coloured chalk will permanently stain Triton Cladding. All nails/screws that are face-fixed should always be stainless steel. Depending on the screws that you use when face fixing, there could be potential bulging or mushrooming. It is recommended to take care of these by taking a rubber mallet and patting them down to give your siding a better look.

If you need to replace the screws yourself, be sure to check that you have screws that are engineered specifically for composite wood. These screws will always work and give Triton Cladding the best-looking outcome, using other screws that are not recommended for composite, could potentially damage/harm the cladding. If you are unsure which screw/nail to use, contact us for more information.

Predrill

It is recommended to use the #8 screw for face fixing the boards and the trims onto the joist. When face fixing, it is recommended to predrill a slightly bigger hole on the board and the trim to allow for expansion and contraction, as shown in the below diagram



The predrilled hole size should be larger than the screw's thread size, from 1.5 mm (1/16") to 2mm (5/64 "). Moreover, the predrilled hole size should also be smaller than the screw's head size, at least 2mm (5/64"). A washer can be applied if the screw's head size is larger than the predrilled hole size, if it's below 2mm (5/64").

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Joist Installation

A building professional should be consulted regarding vapour barriers and insulation for your project. Where a vapour barrier is to be used, it should be a breathable type and must be positioned behind the joists. The joist needs to have a minimum thickness of 30mm.

Use a suitable A4 Stainless Steel Countersunk Wood/Masonry screw. All joists need to be flat and levelled against the wall surface and use shims if necessary.

Expansion and Contraction Values

Triton cladding boards will experience expansion and contraction with changes in temperature. Expansion and contraction are the most significant where extreme temperature changes occur. Fastening the cladding boards according to the gapping requirements noted in the following table accommodates for this movement.

Note: If you are still unsure of what gapping to use, contact us and we will give you the correct gapping requirements based on your environment and area.

STEP 01

Install joists onto the wall with a 500mm span between adjacent joists. The topmost joist should be positioned 10mm from the top of the wall (see Detail 1-1), and the bottommost joist should be positioned 10mm from the ground (see Detail 1-2). Secure the joists to the wall with screws at 500mm spans. Install two starter clips onto the bottommost joist. Position the first starter clip 4mm (centre distance) from the edge of the joist, and the second one 14mm (centre distance) from the same edge.

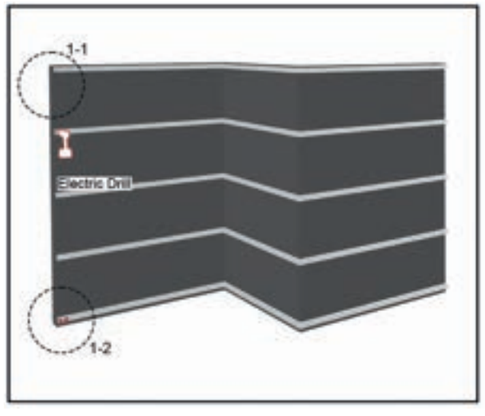


Diagram 1

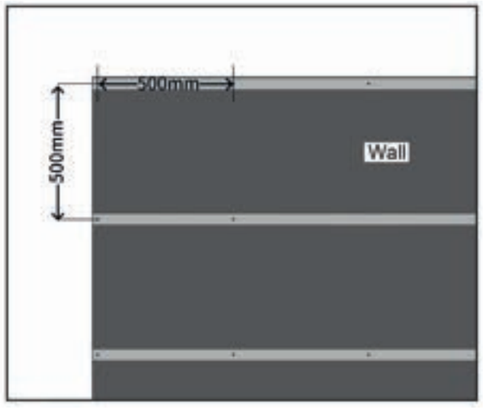
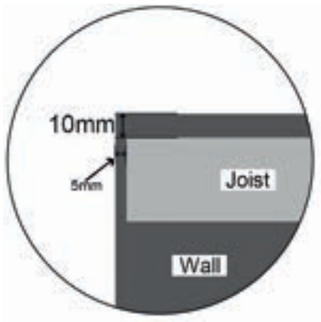
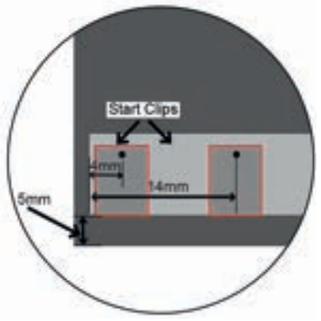


Diagram 2



Detail 1-1



Detail 1-2

STEP 02

Put the first cladding panel in line with the edge of the joists and insert it into the bottom two starter clips (see Detail 3-1). Then insert connector clips in line with the right side of the cladding at each cladding and joist junction place, and secure the cladding with the connector clip by screw.

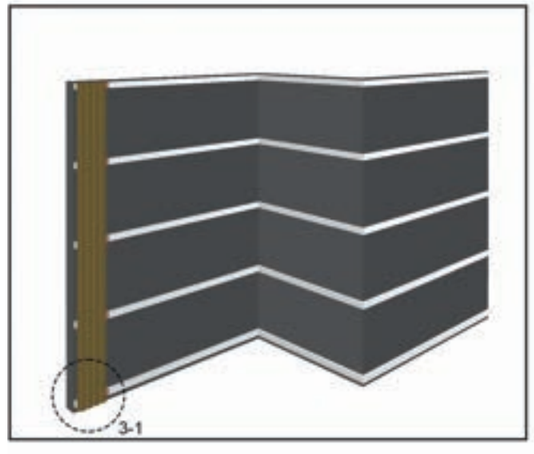
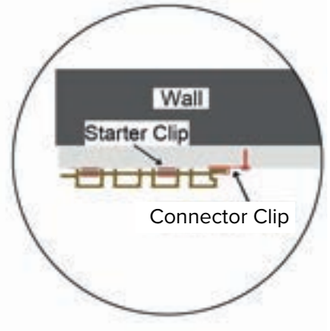


Diagram 3



Detail 3-1

STEP 03

Insert the second cladding panel into the first piece of cladding on the right edge, then repeat the connector clip fixing procedures (See Detail 4-1).

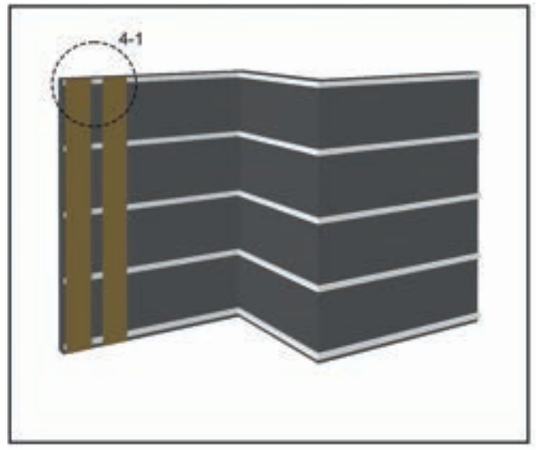
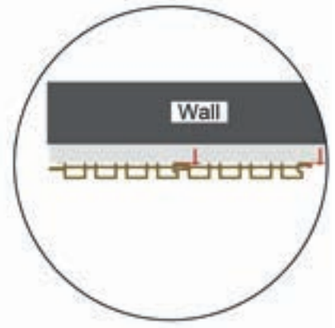


Diagram 4



Detail 4-1

STEP 04

Repeat the last step by fixing more cladding panels until the remaining wall width is too narrow for a full panel. Measure the distance from the last panel to the corner and designate it as a millimetre (see Detail 5-1). Cut a cladding panel from the insert side to match the measured distance (see Detail 5-2).

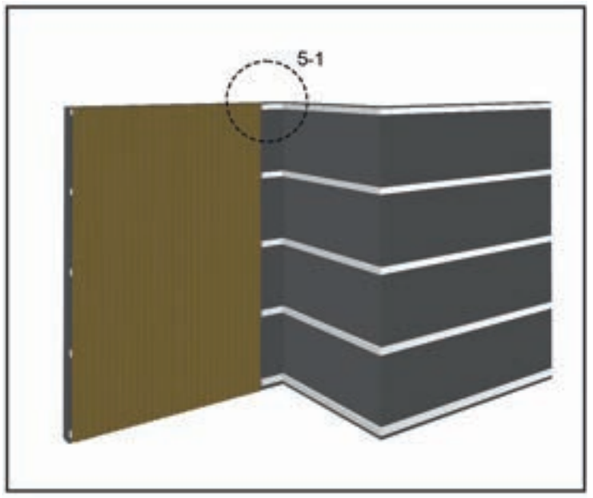
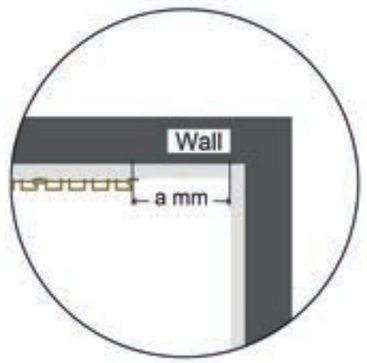
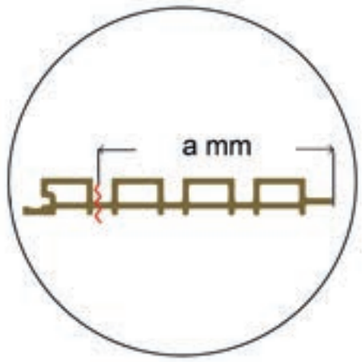


Diagram 5



Detail 5-1



Detail 5-2

STEP 05

Put the trimmed cladding panel in place and pre-drill holes in suitable positions. Then fix the panel with screws to finish the last board installation on this wall (see Detail 6-1).

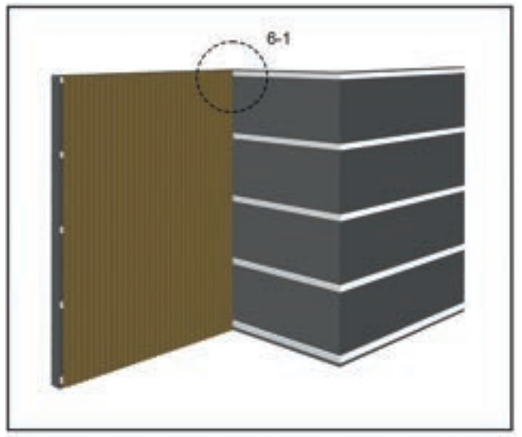
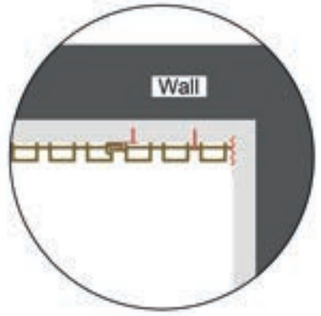


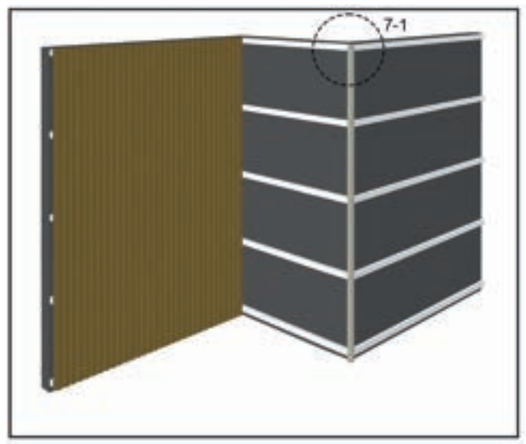
Diagram 6



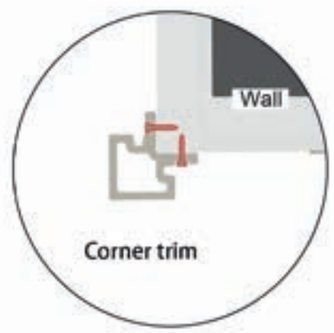
Detail 6-1

STEP 06

Install the corner trim onto the outer corner with screws on both sides (see Detail 7-1).



Detail 7



Detail 7-1

STEP 07

Insert one side of the cladding panel into the corner trim. Then insert connector clips in line with the left side of the panel, and screw them onto the joists.

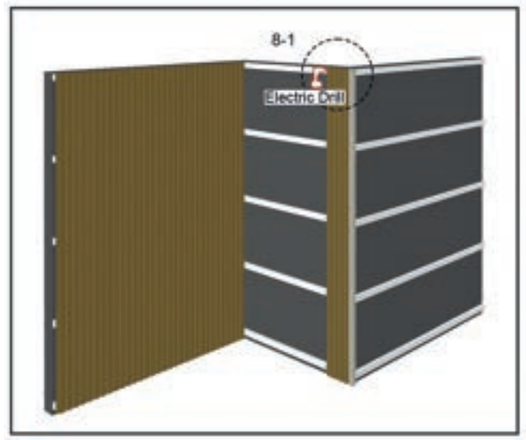
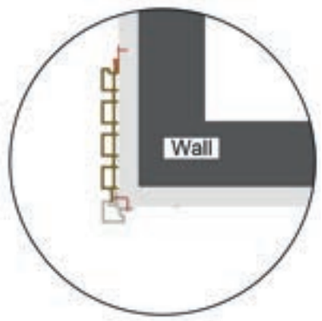


Diagram 8



Detail 8-1

STEP 08

Continue installing the clips and cladding in the same way until the remaining wall width is too narrow for a full panel (see Detail 9-1). Measure the remaining wall width and cut a panel to fit.

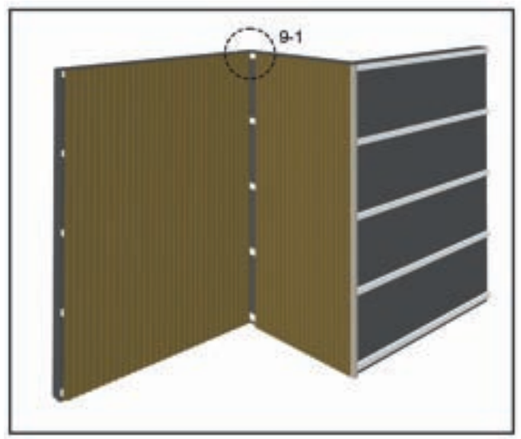
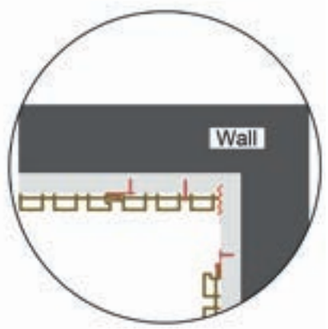


Diagram 9



Detail 9-1

STEP 09

Fix the trimmed panel with screws (see Detail 10-1). The finished wall should look like Diagram 10.

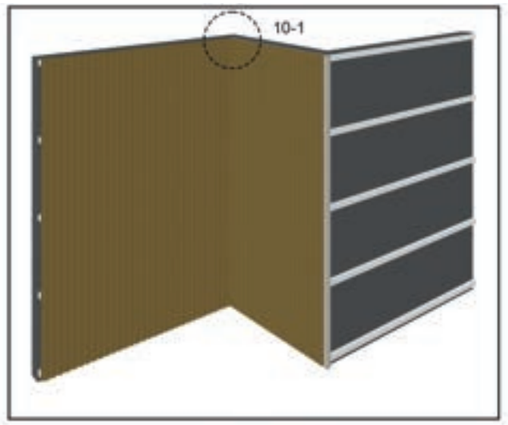


Diagram 10

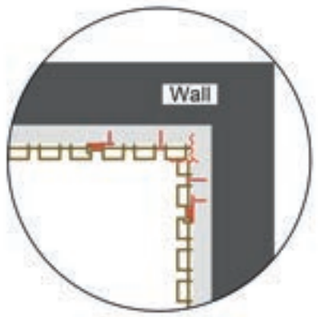


Diagram 10-1

STEP 10

Insert a cladding on the other side of the corner. Continue installing cladding panels with connector clips(see Detail 11-1) until the remaining wall width is too narrow for a full panel. Measure the remaining wall width and cut a cladding panel to fit. Then use screws to install the cladding panel onto the joists (see Detail 12-1).

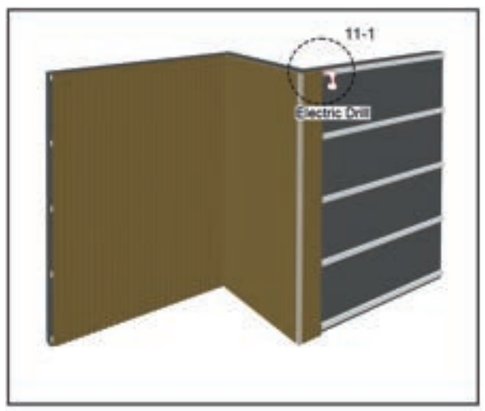


Diagram 11

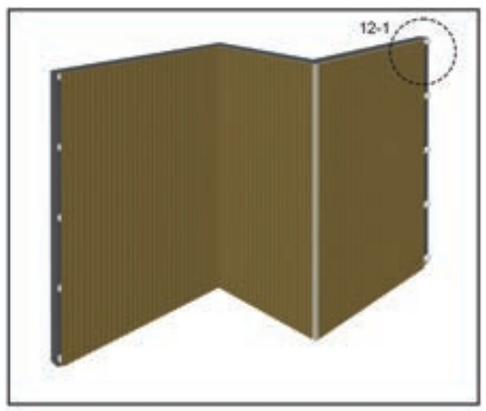


Diagram 12

STEP 11

Take L-trims and cover both sides at the beginning and the very end. Pre-drill holes in suitable positions, then fix the L trims with screws (as Detail 13-1).

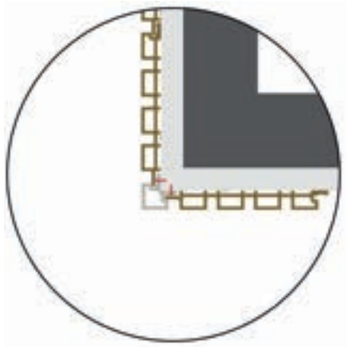


Diagram 11-1

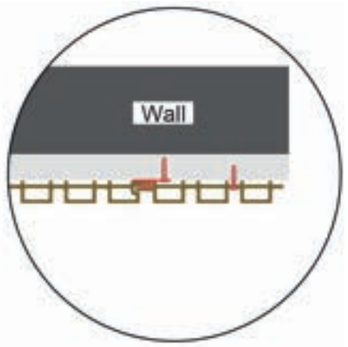
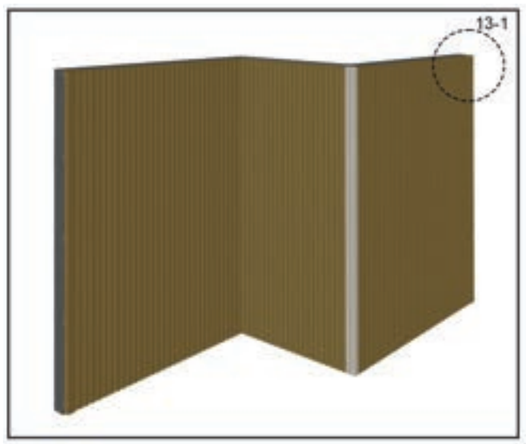
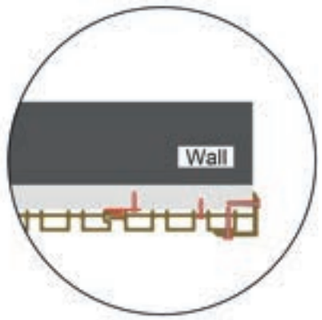


Diagram 12-1





Detail 13-1

END OF SLATTED CLADDING INSTALLATION GUIDE

INSPIRATION

INSTALLING TRITON SHIPLAP CLADDING

Important installation instructions

- Before installing any composite product, it is recommended that you check your local building codes for any special requirements or restrictions. The diagrams and instructions outlined in this guide are for illustrative purposes only and are not meant or implied to replace a licensed professional. Any construction or use of Triton Cladding products must comply with all local regulations. The consumer assumes all risks and responsibilities associated with the construction and use of this product.
- Please take safety precautions before installing Triton Cladding. Check that your equipment is working properly and is free of malfunctions, and wear protective safety gear such as gloves, goggles, and protective footwear.
- Proper installation of Triton Cladding requires a clean, smooth, flat and sturdy surface. Check with local building regulations before installing any type of cladding. Triton Cladding need to be placed on a flat surface at all times. Never place on an uneven surface.
- Plan the layout for your cladding before you begin to ensure you get the best look for your project. Almost every type of cladding requires permits and inspections from regulatory bodies. We recommend planning the overall layout approach and scope of the layout prior to installation to try to avoid mistakes in this area.

Be careful of excessive heat on the surface of Triton Cladding from external sources such as but not limited to fire or reflection of sunlight from energy-efficient window products. Low-emissivity (Low-E) glass can potentially harm the cladding. Low-E glass is designed to prevent passive heat gain within a structure and can cause unusual heat build-up on exterior surfaces. This extreme elevation of surface temperatures, which exceeds that of normal exposure, can cause Triton Cladding to melt, sag, warp, discolour, increase expansion/contraction, and accelerate weathering.

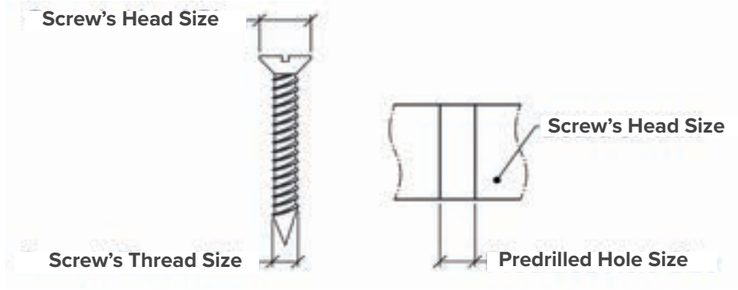
When fastening Triton Cladding, all screws that are face fastened should always be driven in at a 90 degree angle to the siding surface. Toe nailing/screwing should never be done to the products. An extra joist should be added if a 90-degree angle cannot be driven into the board. All fasteners should be on their independent joists, when two board ends meet each other there must be a sister joist. Use white chalk, straight boards, or string lines as templates for straight lines.

NEVER USE COLOURED CHALK, Coloured chalk will permanently stain Triton Cladding. All nails/screws that are face-fixed should always be stainless steel. Depending on the screws that you use when face fixing, there could be potential bulging or mushrooming. It is recommended to take care of these by taking a rubber mallet and patting them down to give your siding a better look.

If you need to replace the screws yourself, be sure to check that you have screws that are engineered specifically for composite wood. These screws will always work and give Triton Cladding the best-looking outcome, using other screws that are not recommended for composite, could potentially damage/harm the cladding. If you are unsure which screw/nail to use, contact us for more information.

Predrill

It is recommended to use the #8 screw for face fixing the boards and the trims onto the joist. When face fixing, it is recommended to predrill a slightly bigger hole on the board and the trim to allow for expansion and contraction, as shown in the diagram below.



The predrilled hole size should be larger than the screw's thread size, from 1.5 mm (1/16") to 2mm (5/64 "). Moreover, the predrilled hole size should also be smaller than the screw's head size, at least 2mm (5/64"). A washer can be applied if the screw's head size is larger than the predrilled hole size, if it's below 2mm (5/64").

Stud Installation

A building professional should be consulted regarding vapour barriers and insulation for your project. Where a vapour barrier is to be used, it should be a breathable type and must be positioned behind the joists. The joist needs to have a minimum thickness of 30mm.

Use a suitable A4 Stainless Steel Countersunk Wood/Masonry screw. All studs need to be flat and levelled against the wall surface, and use shims if necessary.

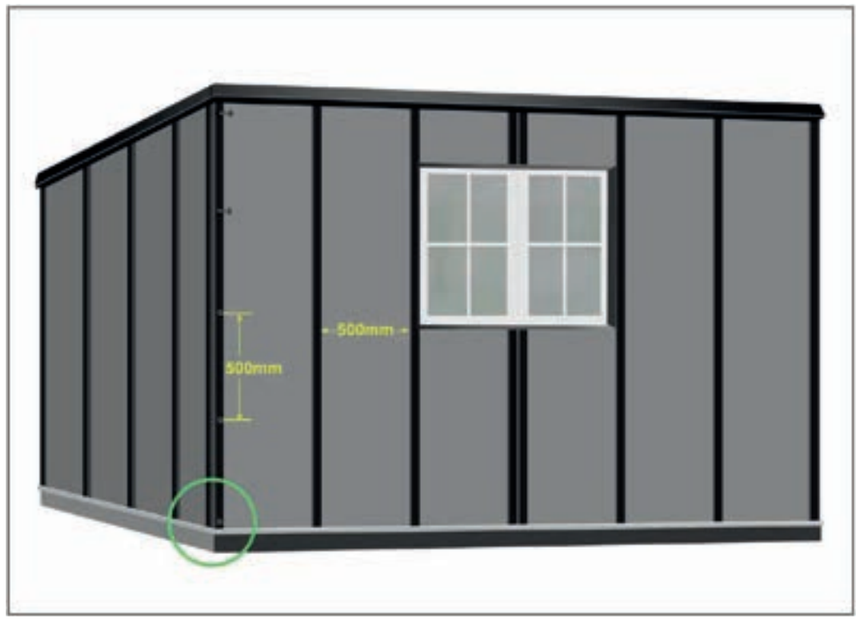
Expansion and Contraction Values

Triton cladding boards will experience expansion and contraction with temperature changes. Expansion and contraction are the most significant when extreme temperature changes occur. Fastening the cladding boards according to the gapping requirements noted in the following table accommodates for this movement.

Note: If you are still unsure of what gapping to use, contact us and we will give you the correct gapping requirements based on your environment and area.

STEP 01

Place the first stud vertically along the bottom of the wall, use electric drill to punch holes on the wall at every 500mm, then use a hammer to put the fixing plug in to the hole and fix it with a screw. Install the remaining studs on the wall using the same method, with a spacing of 500mm between each adjacent stud.



IMPORTANT NOTE

A gap of 15mm is reserved between the bottom end of the stud and the ground, the fixed position of the first expansion screw is 100mm away from the lower end of the stud.

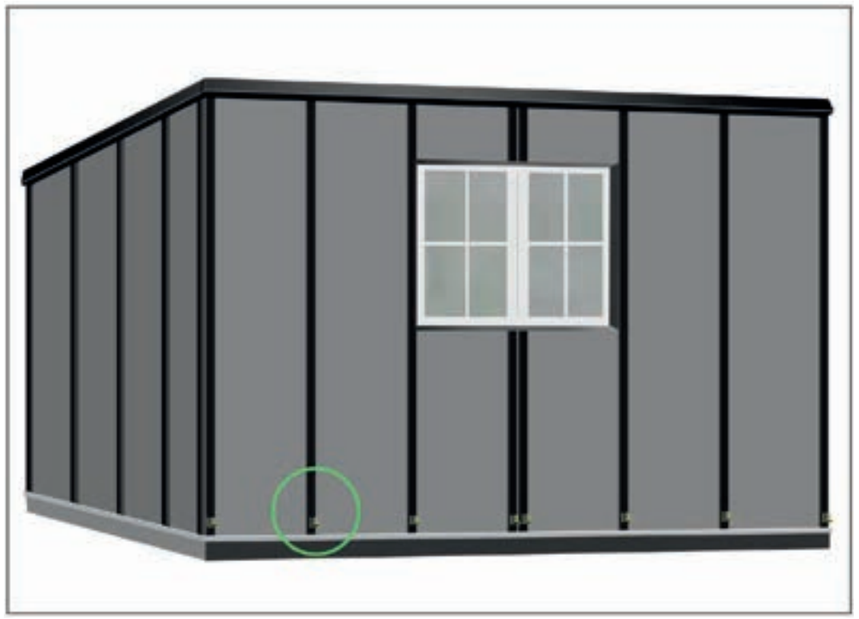
When there are windows on the wall, remember to install two studs under the windows

Make sure there is a stud next to the window side.

Double stud for the corner

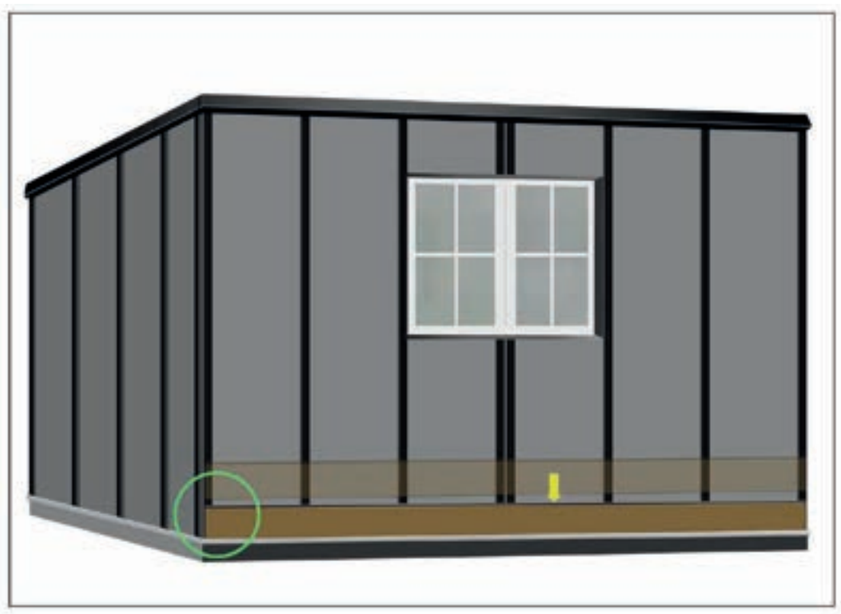
STEP 02

Pre-drill a hole on the stud and install the starter clip with a screw 35mm from the lower end of the stud. Keep the lower end of the cladding board aligned with the bottom of the stud, and then install the rest of the starter clips in the same way.



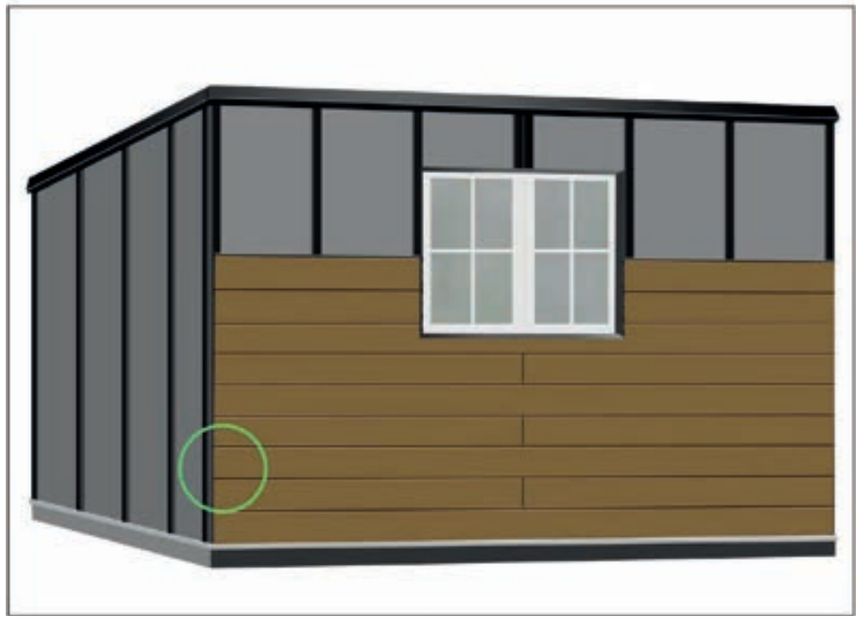
STEP 03

After installation of all the starter clips, insert the first cladding board into the clips, then fix the cladding board with screws by using an electric drill.



STEP 04

Pre-drill a hole on the stud and install the starter clip with a screw 35mm from the lower end of the stud. Keep the lower end of the cladding board aligned with the bottom of the stud, and then install the rest of the starter clips in the same way.



IMPORTANT NOTE

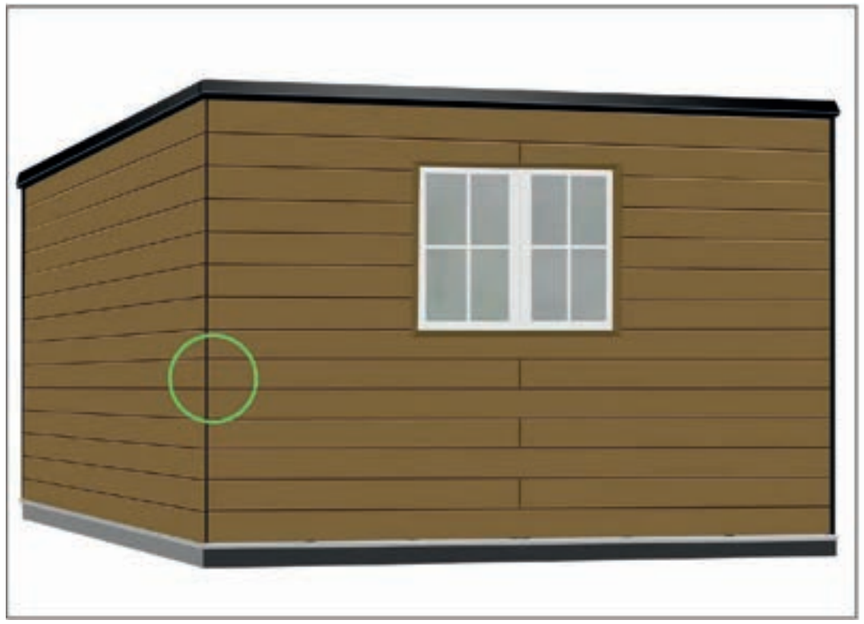
When you meet the window areas, cut the appropriate cladding board size to fit the window area.

Allow at least a 3mm gap between the board connection.

Put a small piece of wood between the stud and the cladding on the top and the bottom of the window.

STEP 05

Pre-drill a hole on the stud and install the starter clip with a screw 35mm from the lower end of the stud. Keep the lower end of the cladding board aligned with the bottom of the stud, and then install the rest of the starter clips in the same way.



FINISHED OVERVIEW

END OF SLATTED SHIPLAP CLADDING INSTALLATION GUIDE

Call **01278 455326**
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