

INSULATED CLADDING FOR CONTAINER HOMES

A STEP-BY-STEP GUIDE

**Durable, low-maintenance, energy-efficient,
and stylish wall cladding**



Email: enquire@goclad.com.au

Website: goclad.com.au

Go
Clad
Go big!

TRANSFORM YOUR CONTAINER HOME WITH INSULATED CLADDING!

Are you in search of a hassle-free, single-application method to insulate your container home? Look no further.

Our R-2.0 (R10 USA/Canada) insulation materials are designed to provide optimal thermal performance, keeping your home comfortable in any weather conditions. We also understand that aesthetics matter too. That's why we offer a range of beautiful finishes for you to choose from. Whether you prefer the elegance of natural stone, the versatility of porcelain, or the charm of reconstituted stone, our selection has something for everyone.

Our **natural stone series, EcoSmart Stone**, offers the timeless beauty of authentic stone, bringing a touch of luxury to your container home. Our **reconstituted stone series, TechStone**, combines durability and style for a more versatile option, allowing you to achieve the perfect look that suits your taste. If you're looking for a contemporary and sophisticated finish, **our porcelain range, Le'Ceramica**, is the ideal choice.

At Go Clad, we prioritise quality and durability. Our products are meticulously crafted to withstand the test of time, ensuring that your container home remains beautiful and well-insulated for years to come.

Say goodbye to complicated insulation processes and multiple applications. With our innovative solutions, you can achieve insulation and a stunning finish all in one go.

Please contact us today to speak with our knowledgeable team and start your journey towards a genuinely remarkable living space.

HOW IS IT DONE?

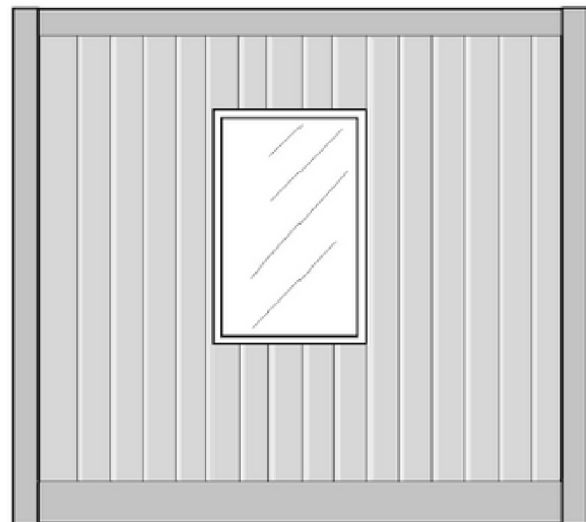
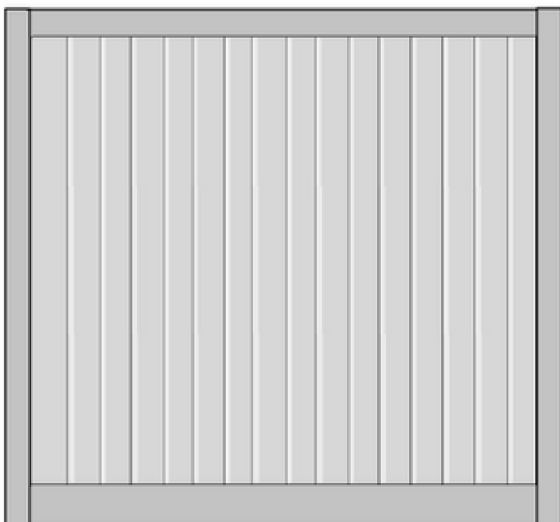
A STEP-BY-STEP GUIDE

At Go Clad, we aim to make the installation process of our cladding products as seamless as possible. Here's a step-by-step guide on how to install our cladding for your container home:

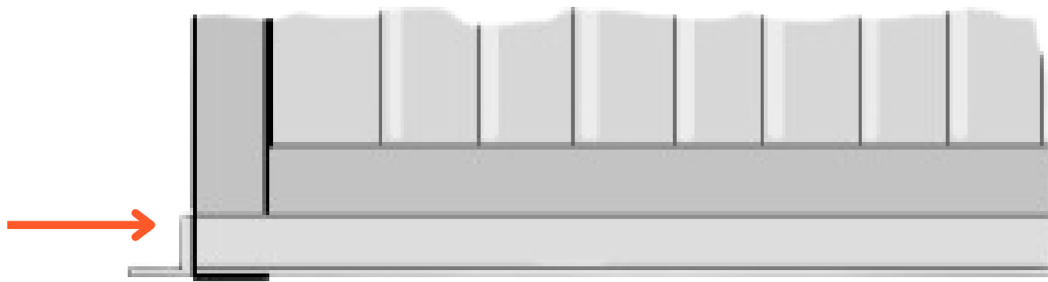
- Choose your desired cladding from our range of beautiful options, such as natural stone, porcelain, or reconstituted stone finishes. Our cladding panels come factory-grooved for easy alignment using PVC joiners during installation.



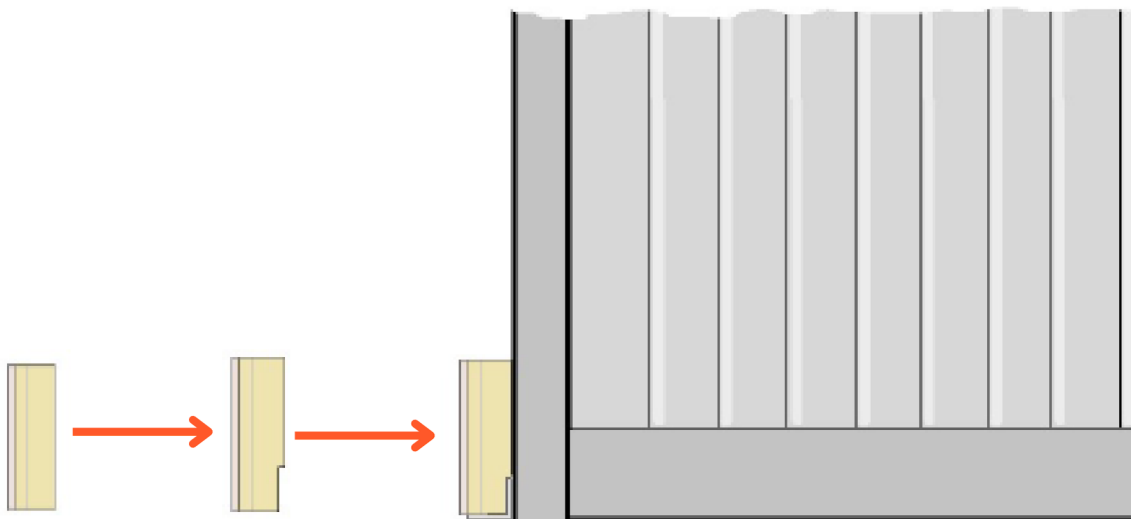
- Begin by obtaining a container and installing any windows and doors you require for your project. We recommend a direct glue fix for installation, adhering our products directly to the container walls.



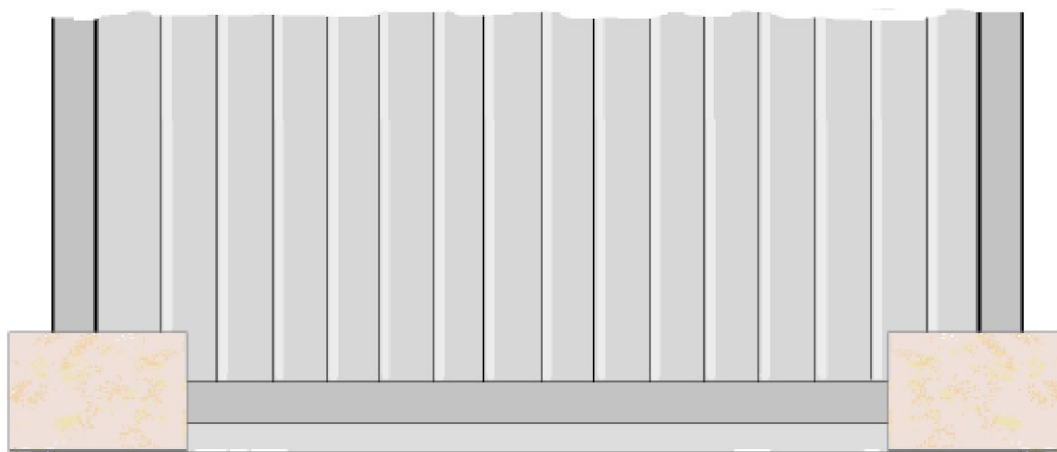
- To ensure proper installation, we suggest using a locally sourced 50mm x 50mm x 3mm (2" x 2" x 1/8th) galvanised 'L' section as a starter rail. This rail should be welded square and level to the bottom of the container all around.



- In the first row of cladding, create a cut-out to accommodate the thickness of the starter rail, allowing it to sit flush with the container sides above.



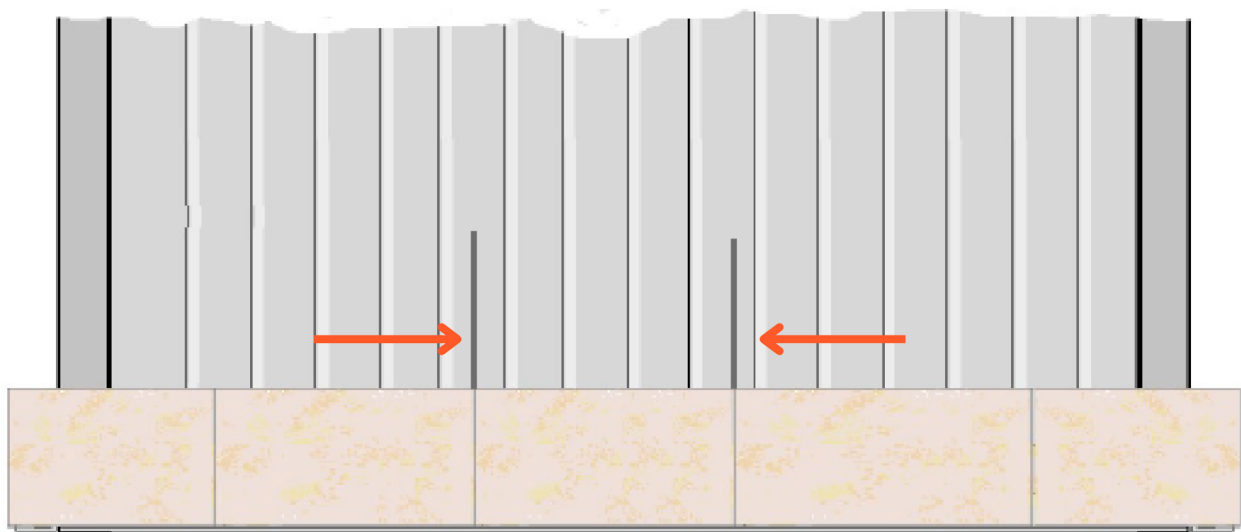
- Begin by placing all the corners first and gluing them with a reputable neutral cure silicone adhesive such as Dow Corning. Apply 25mm (1") blobs of adhesive 100mm apart (4") on the high side of the container profile section. Additionally, apply a bead of adhesive to the bottom rail.



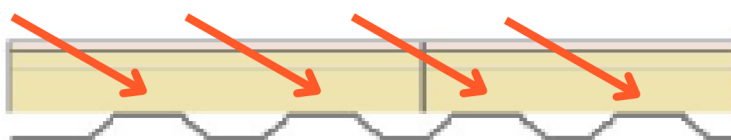
- Insert PVC alignment joiners into the end grooves as you place each cladding panel. The next piece should slot into the joiner, locking them together and maintaining perfect alignment. Apply adhesive along the starter rail as each consecutive piece is set into place.



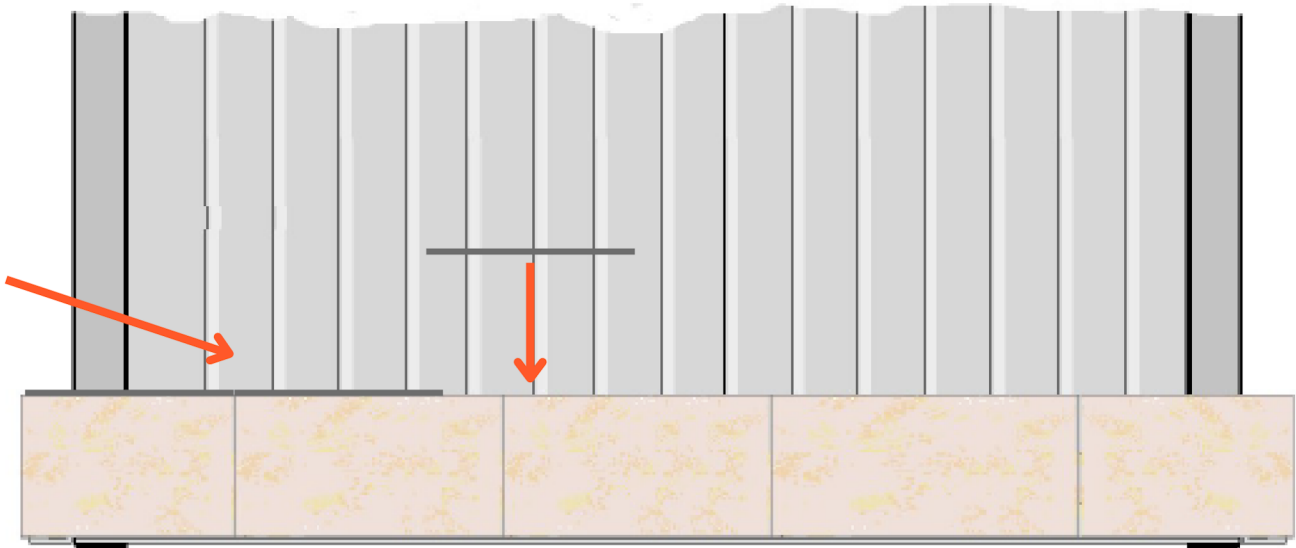
- For the last piece of each course, cut it to the required size and glue it into place. Push the alignment joiners down vertically into the grooves, securing them together.



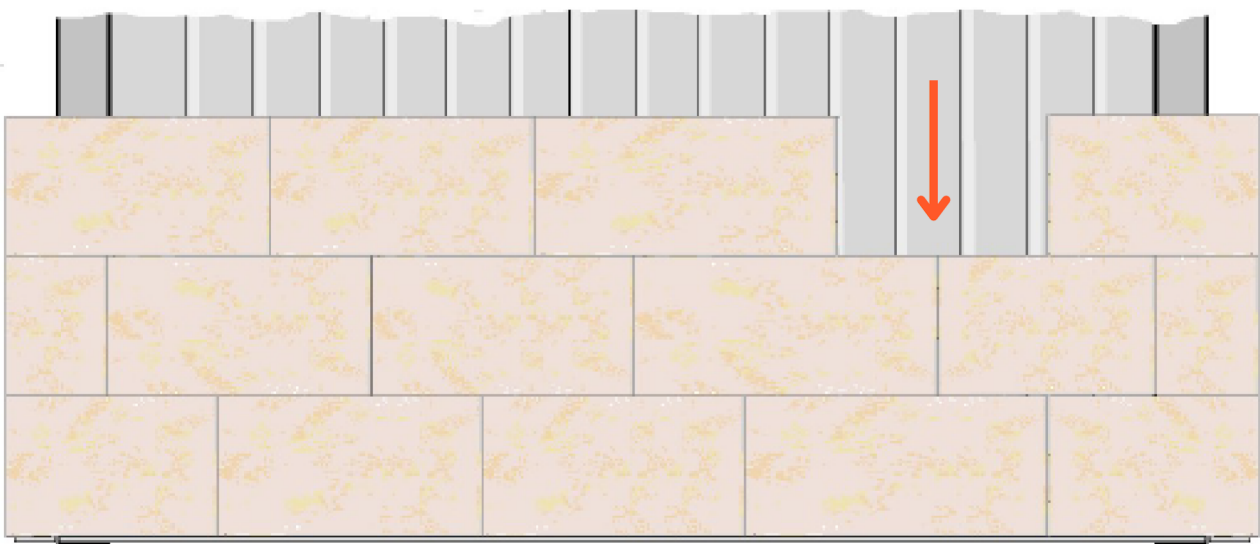
- Once each course is finished, squeeze a small amount of Hi Tac PU Glue down the back of each profile all around. This single-pot expanding foam adhesive will flow and expand behind the pieces, forming a permanent bond secondary to the silicone. Be cautious not to use too much adhesive.



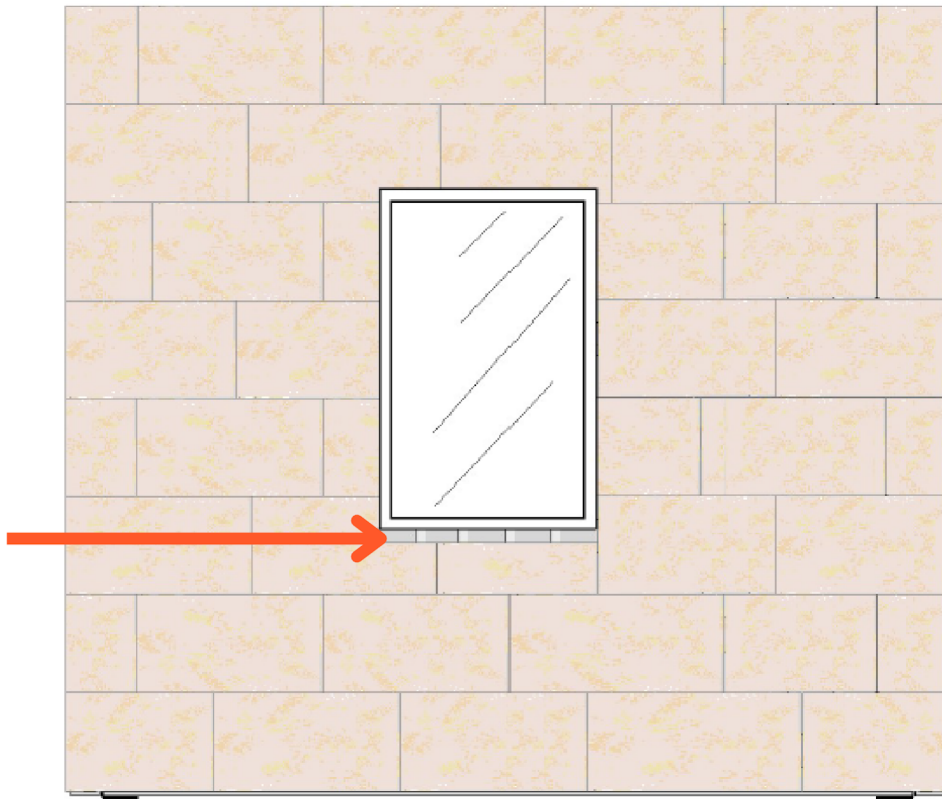
- Before starting the second course, place PVC alignment joiners around the top of each piece, overlapping each joint. These joiners serve to align the second course with the first. Repeat the same process for each subsequent course until the cladding is complete.



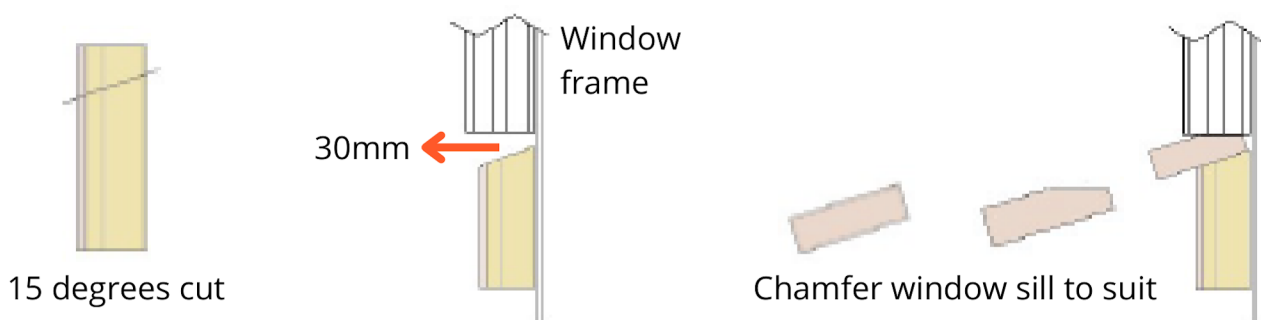
- Apply a small bead of silicone along the top of each course as you position the above piece. It's advisable to dry-fit the final piece of each course before applying adhesive to ensure a proper fit without creating any mess.



- If there are window openings, cut the cladding pieces to fit accordingly. The pieces at the bottom of the window should be 30mm (1 3/8") short of the frame to allow for the placement of window sills afterwards.



- Below is a cross-section view of the window sill treatment. The suggested angle cut is 15 degrees.



INSTALLATION OF VERTICAL CLADDING

If you choose to install vertical cladding, here's a step-by-step guide to help you:

- Most of our Le'Ceramica range comes in longer lengths, such as 1200mm (4') or 1800mm (6'), and some EcoSmart Stone or TechStone materials also have similar options. These can be installed vertically, offering a different aesthetic appeal. The starter rails used are the same as mentioned in the previous details.



- Make sure to fit the aluminium 'L' section before cladding for window and door sides. This ensures a proper edge cover and integration with the window frames.
- Start the installation of vertical cladding by placing the first panel at the door or window opening. Begin from the bottom and work your way up, progressing toward the corners sequentially (e.g., 1, 2, 3, 4, etc.).

- Glue and lock each panel together using the joining tongues, similar to the previous installation process.
- When you reach the corner, put the next piece in place and scribe the back down the corner of the container, as shown in Fig 1. Cut at a 45-degree angle from this line, as depicted in Fig 2. Prepare the return side corner and cut the length at a 45-degree angle. Hold the two corners together, as shown in Fig 3, and adjust if necessary to maintain squareness and levelness. Once satisfied, glue them into their permanent position.

Fig. 2

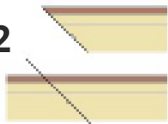
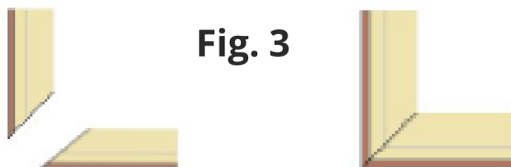


Fig. 1



Fig. 3



- Continue completing the wall, working into the other corner, following the same process described above until all walls are finished.
- After completing all the walls, it's essential to lay capping or flashing around the top of the cladding to ensure adequate waterproofing in conjunction with the roofing details.



- Insulating containers from the outside provides significant benefits in terms of thermal comfort, as it eliminates the direct transfer of heat and cold from the bare metal into the building. This results in a more comfortable interior environment.

OTHER CONSIDERATIONS FOR WINDOW AND DOOR TREATMENTS

For window and door treatments, it's ideal for the window frames to protrude at least 60mm (2 3/8") from the container wall. However, if the frames are shorter, there are two ways to address this:

- Use a standard 75mm x 50mm (3" x 2") or similar 'L' section aluminium, painted to match the window frame if necessary, and fix it adjacent to the sides and top as a lintel. The cladding pieces can then be butted against this section to provide an edge cover (refer to Fig 4).
- Alternatively, if you use reveal pieces with one edge faced, you can place them against the window frame, as shown in Fig 5. However, you would still require an 'L' section as a lintel at the top of the window or door. Fig 6 demonstrates the sill finish.

These considerations ensure seamless integration of the cladding with windows and doors, creating an aesthetically pleasing and functional result.

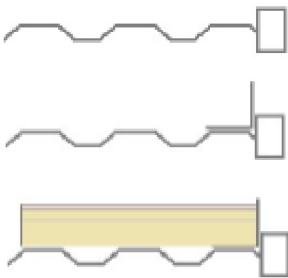


Fig. 4

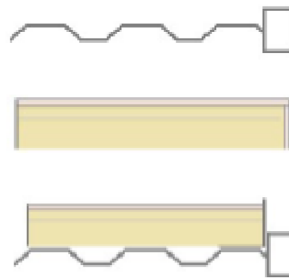


Fig. 5

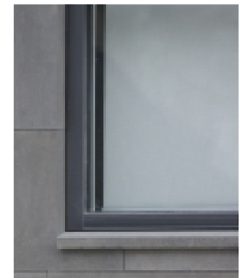



Fig. 6

A photograph of a modern building with a stone-clad exterior. A large tree trunk is in the foreground, partially obscuring the building. The building has a dark door with a patterned glass insert. The ground is paved with light-colored tiles. The text is overlaid on a dark rectangular background.

We specialise in providing top-of-the-line solutions to make your container home comfortable, stylish, and energy-efficient. Contact us to find out more.

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