

Installation Guide

of Wallong Co-extrusion Cladding SQB21926



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Important Notes:

Before installing any composite system cladding, it's important to check with the local building code for any special requirements. The instructions in this guide are only for illustration purpose. Any construction or use of Wallong product must be in accordance with all local rules.

Safety

When dealing with any type of project, it is necessary to wear appropriate safety equipment to avoid any risk of injuries, such as: gloves, long sleeves, pants and safety glasses.

Environment

A clean, smooth, flat and strong surface is needed to install Wallong's products correctly. Please check with local building codes before installing any type of cladding. If installation does not occur immediately, products need to be put on a flat surface. It should never be put on a surface that is not flat.

Ventilation






Wallong cladding cannot be directly installed onto a flat surface, it must be installed onto a substructure, so there is enough and unobstructed air flow under the cladding to prevent excessive water absorption. A minimum of 25mm of continuous net free area under the cladding surface is required for adequate ventilation on cladding. So air can circulate between adjacent members to promote drainage and drying.

Fasteners

When fastening cladding all screws that are face fastened should always be driven in at a 90 degree to the cladding surface. An extra Joist should be added if a 90 degree angle cannot be driven into the board. All fasteners should be on their own independent joists, when two boards ends meet each other there must be a sister joist. The end of each board must sit on its own joist.



Installation Accessories

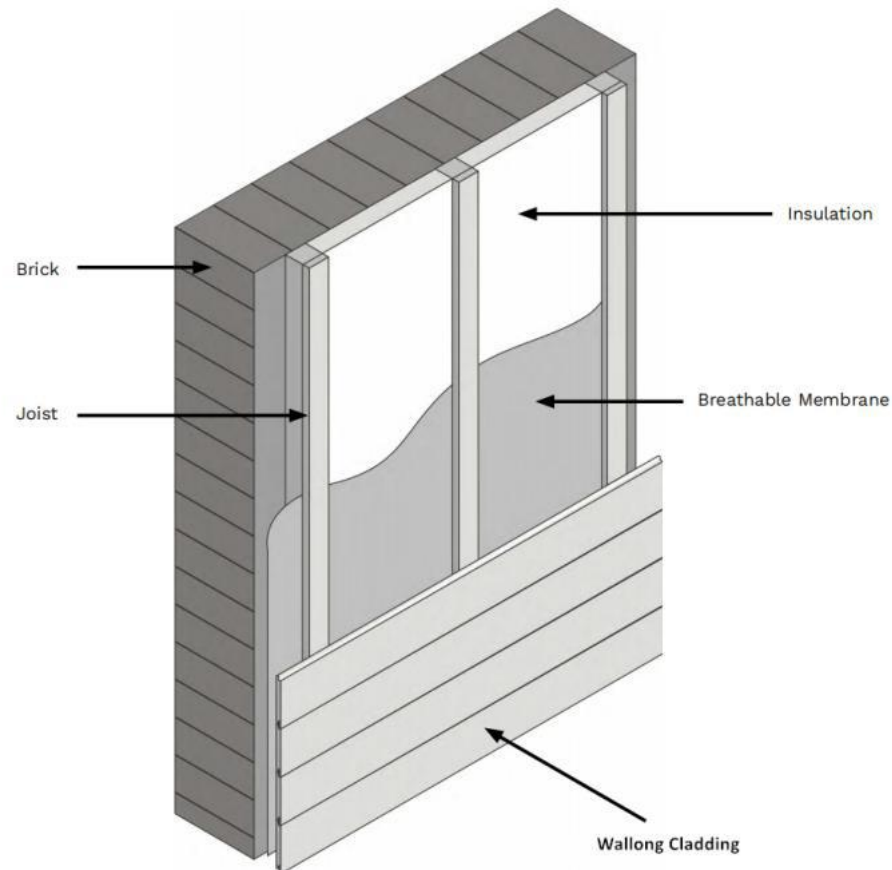
Item	Purpose	Picture
WL-SQB21926	Co-extrusion Cladding	
WL-LG4030	Joist for Cladding	
WL-GJ5050	Corner Trim	
Cladding Screw	Used when locking the cladding into wood /wpc joist	
Anchors	Used to Install the joist to the wall	

*Notes: All screws should be under our recommendation and if the installation requires something different than what is shown a professional should be consulted before installing.



1. Under Construction

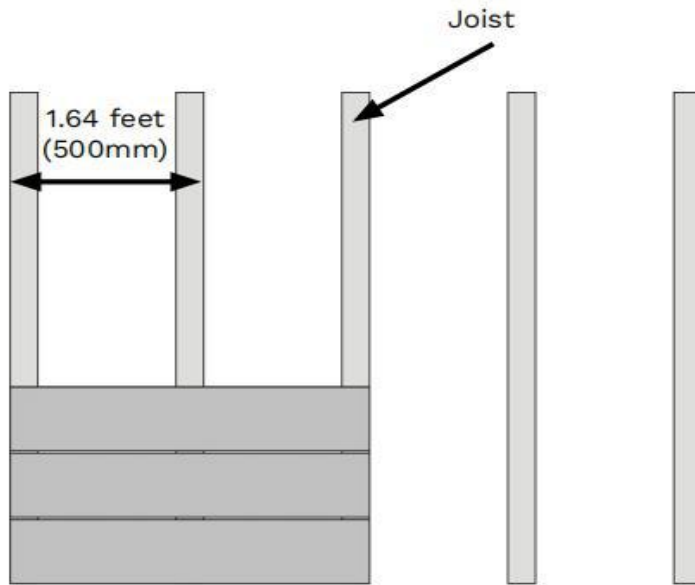
- We recommend for the under construction aluminum or pressure treated wood joists. Each cladding board needs to be supported by a joist no more than 500mm from center to center. Extra care is required in order to provide sufficient joisting in and around obstacles such as windows, fascia, soffits, guttering, ventilation points etc. Below is an example of the layers that would occur in a typical installation, but a licensed professional should always be consulted prior to any installation.



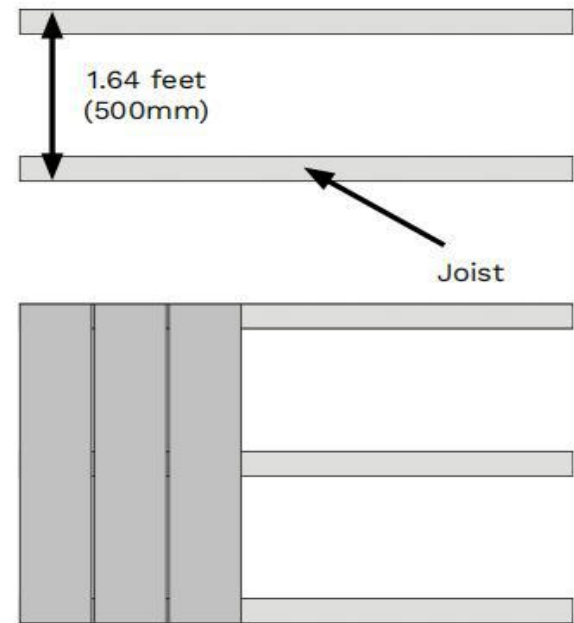
2.Joist Installation:

A building professional should be consulted regardsing vapor barriers and insulation for your project. Where a vapor barrier is to be used, it should be a breathable type and must be positioned behind the joist. The joist need to have a minimum thickness of 25mm.

Joist should be fixed into position at a maximum of 500mm, centers using a suitable screw. All joists need to be flat and leveled against the wall surface use shims if necessary.



Horizontal Installation



Vertical Installation

Joist Installation:

The frame needs to be completely level before installing any wall cladding.

First start by fixing the joist onto the wall you're going to install on.

Next, the span needs to be measured for the next joist. Please review page 5 for the maximum span from center to center of each joist



DIAGRAM 5

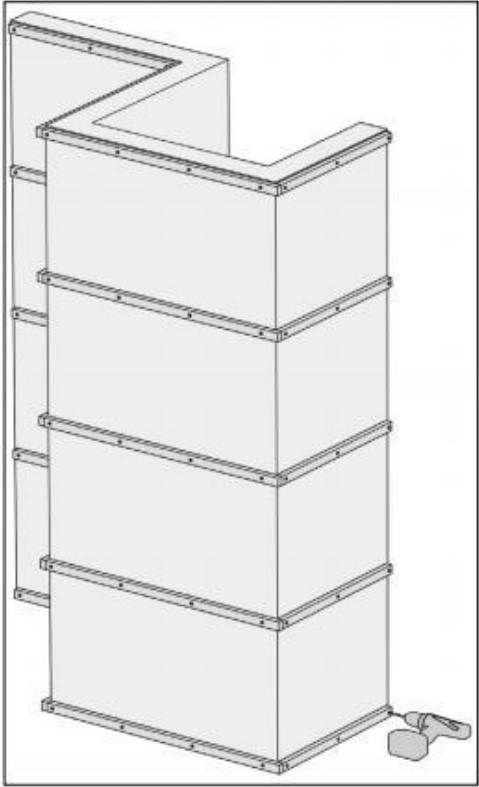


DIAGRAM 6

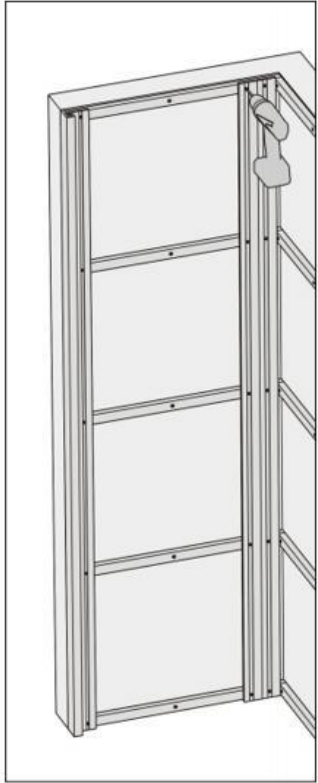


DIAGRAM 7



3.Cladding Installation:

Screw the cladding on to the joist with the cladding screw like below:

Note:There has to be a joist both at the ending and starting of the cladding.



DIAGRAM 8

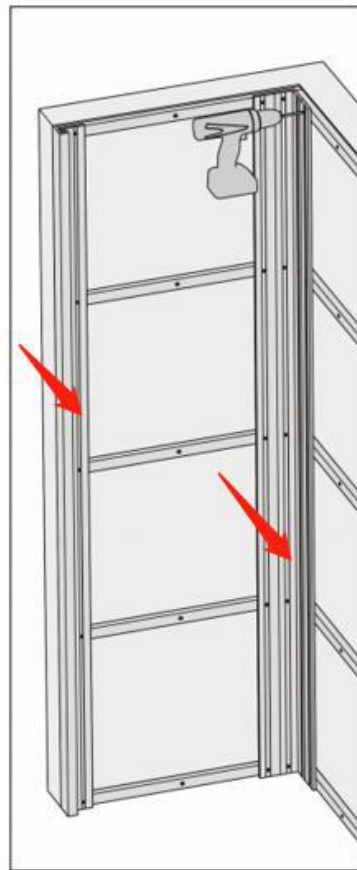
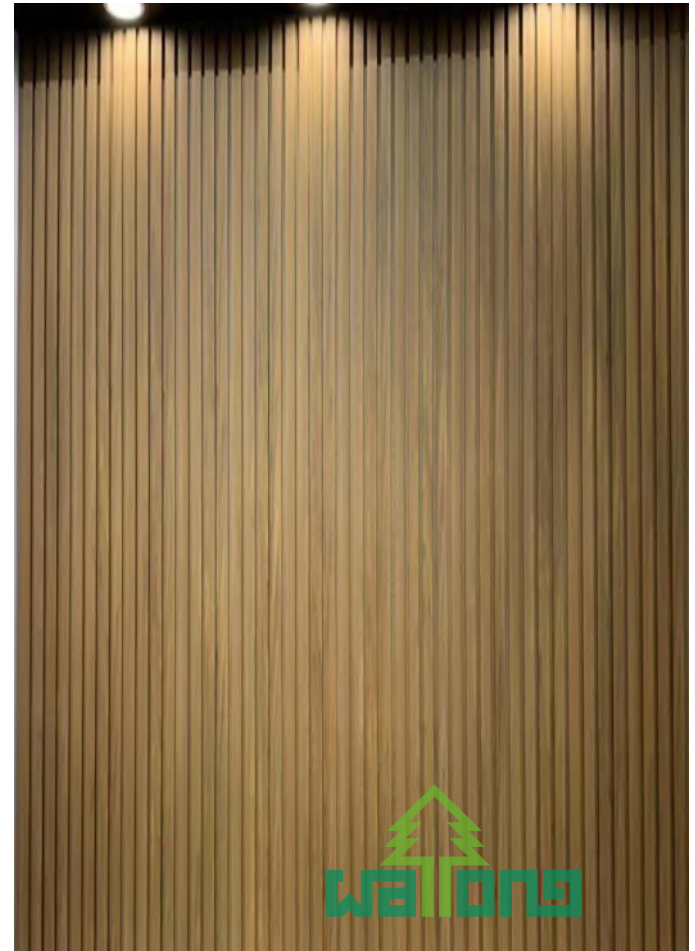


DIAGRAM 9

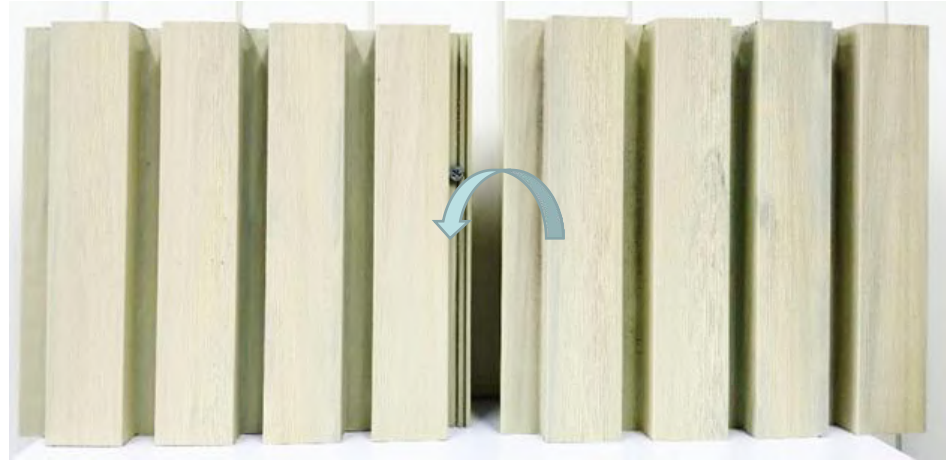


Cladding Installation:

Installing the Cladding, you only need to do below two steps:

Step1: Pre drill the cladding and fix through the cladding and joists.

Step2: overlap 2nd cladding on the 1st one



Cladding Installation-Corner

Take the corner installing as show in below:





CO-EXTRUSION WALL CLADDING

