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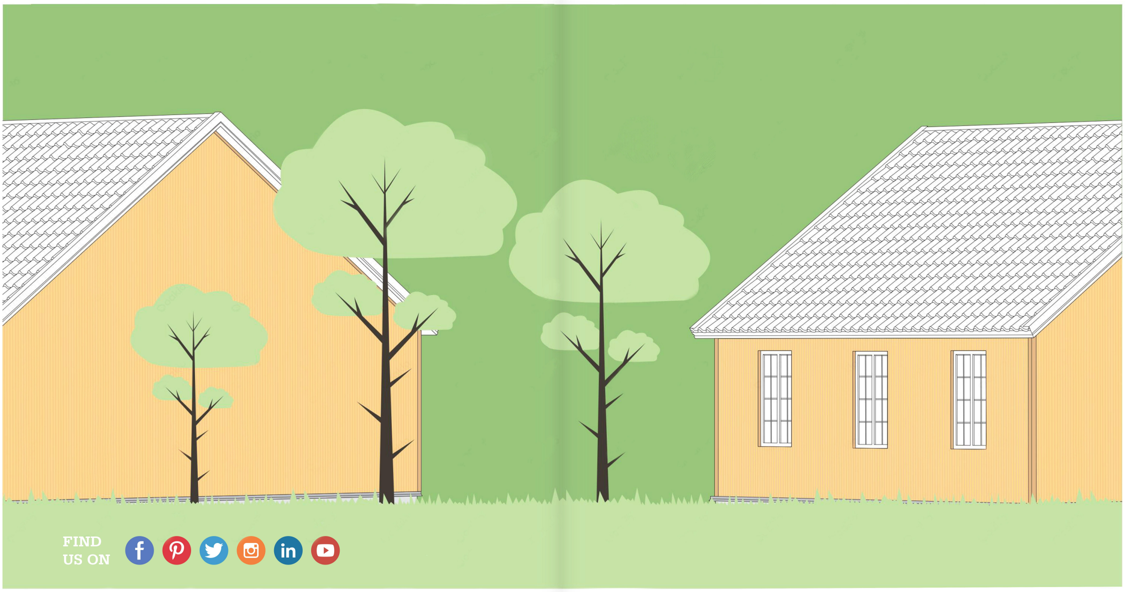
HOMY WPC

Outdoor WPC Cladding

Installation Guide



Read All Sections Before You Install

These installation guidelines will direct you through the process of installing HOMY products. These installation methods are recommended by HOMY, but they may not cover every installation scenario you may encounter. Since each installation is unique in its performance requirements, the ultimate installation method used is the sole responsibility of the installer. HOMY recommends that all designs be reviewed by a licensed architect, engineer or local building official before installation. Make sure your plans meet local building codes before you begin the installation.

Safety

Appropriate safety equipment is necessary when you deal with any type of construction project. HOMY highly recommends, but is not limited to the following safety equipment gloves, a respiratory protection, long sleeves, pants, and safety glasses.

Planning Ahead

To determine how much HOMY cladding material you will need, start by calculating the square footage of your wall surface by multiplying length by width. When calculating the amount of cladding you will need, it is recommended that you add roughly 10% to the total for a scrap factor. A layout for your cladding should be planned before starting installation to ensure the best possible looking cladding for your project. Building codes and zoning ordinances generally apply to permanent structures. Meaning anything that's anchored to the ground or attached to the house. So nearly every kind of cladding requires permits and inspections from a local building department. We recommend drawing out a site plan of your proposed project that you intend to do to minimize errors and make your perfect wall cladding.

Expansion and Contraction

HOMY cladding planks will experience expansion and contraction with changes in temperature. Expansion and contraction are most significant where extreme temperature changes occur. Changes in length are most significant during the installation process, and should be taken into account if working in extreme temperatures. A good example would be cutting your planks during a hot afternoon, letting them sit outside overnight in the cool air and then installing them the next morning, and you will notice a certain amount of contraction. The best way to minimize this problem is to fasten your planks after cutting as soon as possible.

Read All Sections Before You Install

To get latest information,
please visit our website: www.homywpc.com

Environment

You need a clean, smooth, flat and strong surface to install HOMY products. Make sure your plans meet local building codes before installing any type of cladding if installation is not that urgent.

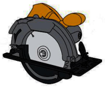
Tools

The tools you need for this installation are illustrated below:

Electric Drill

Guiding Rule

Tape Measure


Saw

Note

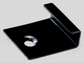
1. The trims we provide are not indispensable. You can determine your own trims according to your preference.

2. Joists must be installed before installing cladding in order to ensure safety.

3. Pre-drill by electric drill on wpc boards at every exact location where screws should be fixed.

4. Screws are required for every connection of cladding. It is recommended that more screws should be prepared

Clips

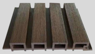

Starter Clip

Code: AM02
Size: 28 x 25mm

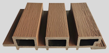
Read All Sections Before You Install

To get latest information,
please visit our website:www.homywpc.com

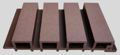
Profiles


Co-extrusion Fluted

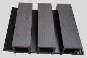
Model:
Code: HMC-002: Rosewood
Size: 220X26mm


Co-extrusion Fluted

Model:
Code: HMC-004: Teak 01
Size: 169X28mm


Fluted

Model:
Code: HMN-100: Walnut
Size: 220X26mm


Fluted

Model:
Code: HMN-008: Light Grey
Size: 169X28mm

Trim

- Note: You can determind your own accessories according to your preference.

Joist

Model:
Size: 4OX25mm

Edge banding

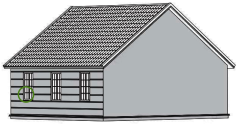
Model:
Size: 41X41mm

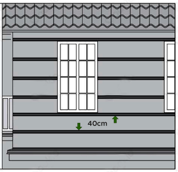
HOMY Cladding Installation Instructions - Vertical Version

NOTE: Homy Fluted Wall Cladding shown as below

Square Hollow Cladding

① Install joists at 40cm on center. Fix the joists with expansion screws.



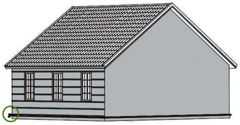


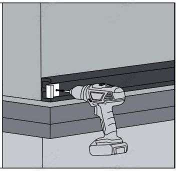
HOMY Cladding Installation Instructions - Vertical Version

NOTE: Homy Fluted Wall Cladding shown as below

Square Hollow Cladding

② Fix the starter clip at one end of every joist.





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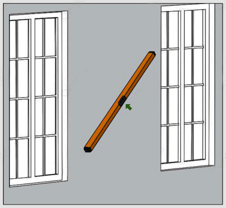
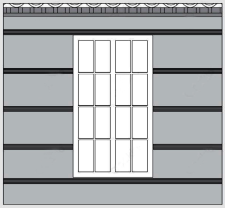


- Make sure that the wall is flat. (You can also use a laser lever.)



- Make sure that there is a joist next to the window side (5cm is recommended).

Note: Before fixing by screws, pre-drill at the exact location for screws with electric drill.

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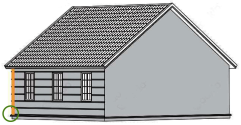
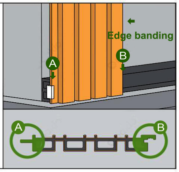
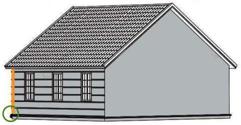
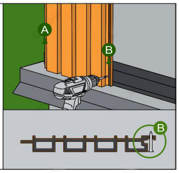
③ Put the first piece of cladding on starter clip. Only End Ⓐ can be put to the starter clip.





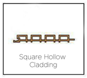
④ Fix one screw at End Ⓑ to the joist.



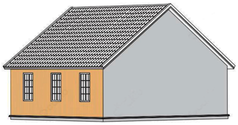


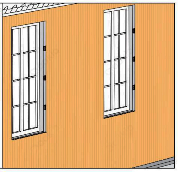
HOMY Cladding Installation Instructions - Vertical Version

NOTE: Homy Fluted Wall Cladding shown as below



⑤ Keep installing cladding as above instruction ③ & ④





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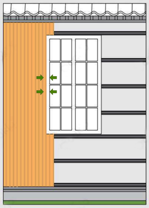
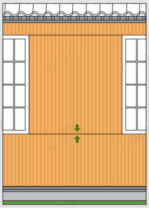
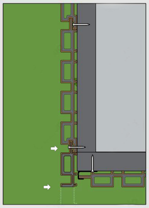


- Cut the cladding of appropriate size to finish the joint part.



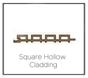
- Remain at least 3mm gap between board connection.



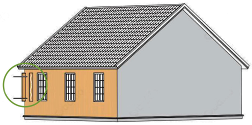
- Cut the cladding of appropriate size to finish the corner. Screws should be fixed to the place where boards connect.

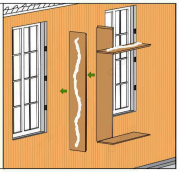
HOMY Cladding Installation Instructions - Vertical Version

NOTE: Homy Fluted Wall Cladding shown as below

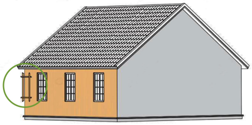


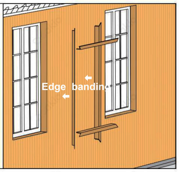
⑥ Before installing, pad suitable boards for window frame with Styrofoam. Fix the boards on the wall.



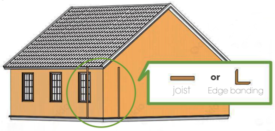


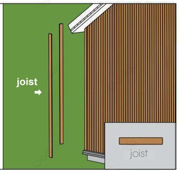
⑦ Install L trim to cover the gap between window frame and cladding. Fix by stainless steel screws.





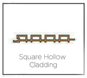
⑧ Install a L trim or two solid trims if there is an external corner. Fix by stainless steel screws.





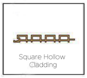
HOMY Cladding Installation Instructions - Vertical Version

NOTE: Homy Fluted Wall Cladding shown as below

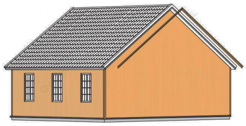


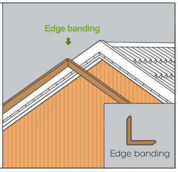
HOMY Cladding Installation Instructions - Horizontal Version

NOTE: Homy Fluted Wall Cladding shown as below



⑨ Install L trim under the roof and fix by screws.





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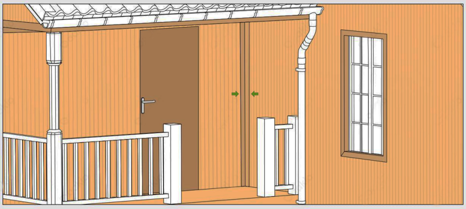

- Trims are required for inter corners. You can either choose a L-shape trim or two solid trims.

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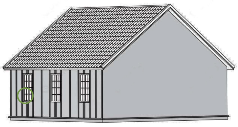
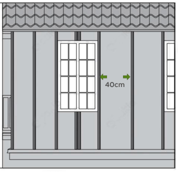
① Install joists at 40cm on center. Fix the joists with expansion screws.





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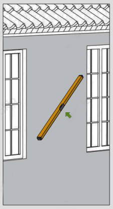
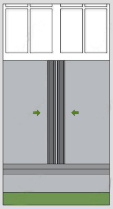
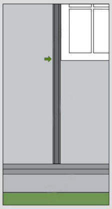


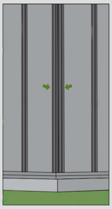
- Make sure the wall is flat. (You can also use a laser lever.)



- When window is encountered during installation, you need two pieces of joists.



- Make sure that there is a joist next to the window side (5cm is recommended).



- Double joist for the corner. You can choose wooden joist and aluminum joist

Note: Before fixing by screws, pre-drill at the exact location for screws with electric drill.

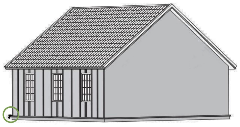
HOMY Cladding Installation Instructions

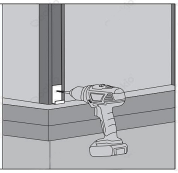
- Horizontal Version

NOTE: Homy Fluted Wall Cladding shown as below

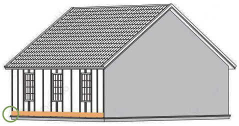
Square Hollow Cladding

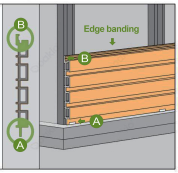
② Fix the starter clip at every joist at the bottom.



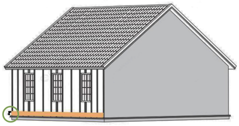


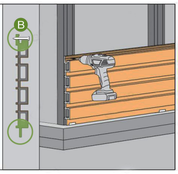
③ Put the first piece of cladding on starter clip.





④ Fix one screw at End Ⓑ to the joist.





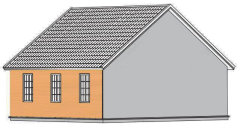
HOMY Cladding Installation Instructions

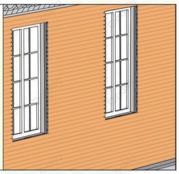
- Horizontal Version

NOTE: Homy Fluted Wall Cladding shown as below

Square Hollow Cladding

⑤ Keep installing cladding as above instruction ③ & ④





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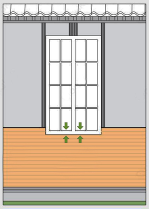
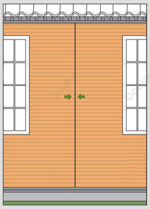
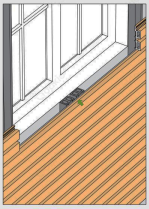


- Cut the cladding of appropriate size to finish the joint part.



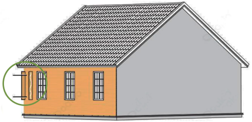
- Remain at least 3mm gap between board connection.

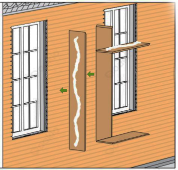


- Put a small piece of wood between the joist and the cladding on the top and bottom of the window.

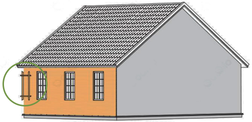
Square Hollow Cladding

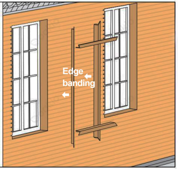
⑥ Before installing, pad suitable boards for window frame with Styrofoam.
Fix the boards on the wall.



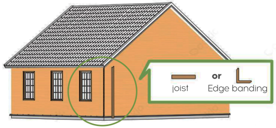


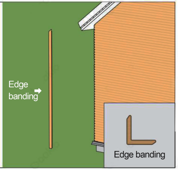
⑦ Install L trim to cover the gap between window frame and cladding.
Fix by stainless steel screws.





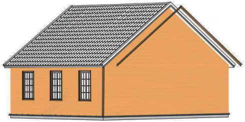
⑧ Install a L trim or two solid trims if there is an external corner.
Fix by stainless steel screws.

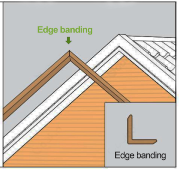




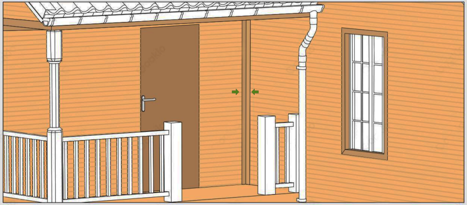
Square Hollow Cladding

⑨ Install L trim under the roof and fix by screws.





Note



- Trim is not necessary for inter corner. We can just simply put the panel crossly. Make sure that there are two joists inside.