



**AMAN PVC**

**COMPOSITE WOOD**

**PRODUCT GUIDE  
INSTALLATION  
CARE & MAINTENANCE**

**CLADDING**

# CLADDING INSTALLATION

AMAN WPC is a new type of composite made by mixing 60 % wood powder with 30% HDPE and 10% additives. These are extruded through our modern CNC high pressure / temperature extrusion machines. Our WPC not only has a high degree of Anti-UV and weather resistance, but is also easy to work with and install.

AMAN WPC's are highly resistant to moisture, so there is no "Wood Rot" and termites just do not seem to like getting near our products. No cracking, warping or splintering ensures an efficient and easy installation process for our builders. We also have a very stable UV product, so the color will have minimal fading from the harsh condition.

Our WPC is a safe, environmentally responsible alternative, and does not require any painting or coatings to ensure color or longevity.

The main materials used are wood powder, from scrap building and factory waste, such as wood furniture and construction manufacturers. In addition, we recycle any off cuts or waste from our manufacturing process. The aim here is to improve our environment through recycling.

The raw material quality is paramount to our product being consistently manufactured to the specifications, to ensure the products longevity. As such, we only select quality raw products and each batch is tested to our required standard prior to entering its first stage of production process.

After production, each batch of AMAN Composite Wood is tested for its elasticity and strength. Our products have a consistency in size and color and are cut to a length you need, therefore eliminating the search for the perfect piece of WPC for your application.

## TECHNICAL INFORMATION

Specification	Distance (mm)	Comment
Minimum groundclearance	100	
Minimum clearance over concrete	50	
Joist centers (min&max distance) – Domestic	300 to 600	In highwind areas, joist spacing should be 300mm
Joist size	>15 x 30	
Minimum end-gap (butt join)	2	
Maximum overhand from last joist	100	
Screw distance from cladding board edges	Min 15, max 25	
Joist fastening screws	4 to 5mm x 40 to 60mm pending joist size	Screws must comply with self-Drilling Screws for the Building and Construction Industries.
Cladding fastening screws	3.5x30 stainless steel	Screws must comply with self-Drilling Screws for the Building and Construction Industries.

## CLADDING TYPES



WPC15621

## WHAT YOU WILL NEED

- A plan and approved drawings for your project.
- How many lineal meters of cladding and the pattern you want for aesthetics.
- How many joists you'll need
- How many lineal meters of Flashing (MAN040) ("L" shaped corner) you will need to finish off the edges.
- Pencil for marking out.
- Cordless Drill, drill & Philips head bit – to fix joists and screw in cladding.
- Screws for fixing joists and cladding.
- Spirit Level, to ensure cladding is level and each row.

Prior to the installation of any form of Wall Panel or Cladding, it is recommended that you check the local building codes for any special requirements or restrictions. WPC Cladding or Decking should not be used for columns, beams, joists or

Support posts, other than that in which it is intended. Failure to follow these instructions may void the warranty.

## JOIST INSTALLATION

Joists are used to fix the cladding onto the wall. Use appropriate mounting screws/bolts, depending on your wall material, to fix each joist onto the wall. Joists should be made of suitable material for the purpose – for example, treated pine timber, steel, aluminum or specific composite joists (MAN040). Joists should be placed at 300mm to 600mm centers.

## STARTING CLIPS

Mark out placement for the stainless steel starter clips (CN-AO11) at the base of the joists then screw in. Make sure these are level across the base of joists. Place the first "Starter Board" cladding onto the starter clip. Ensure this starter board is level as it will be the base line for the remaining cladding boards.

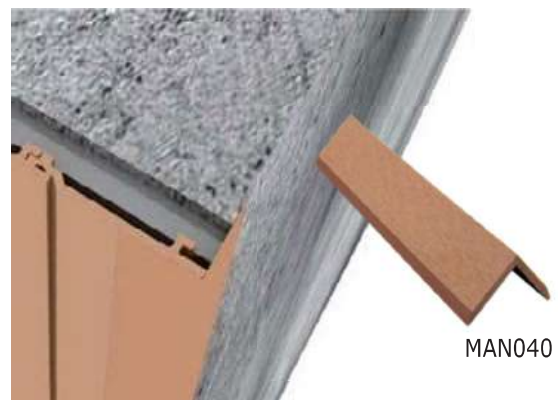
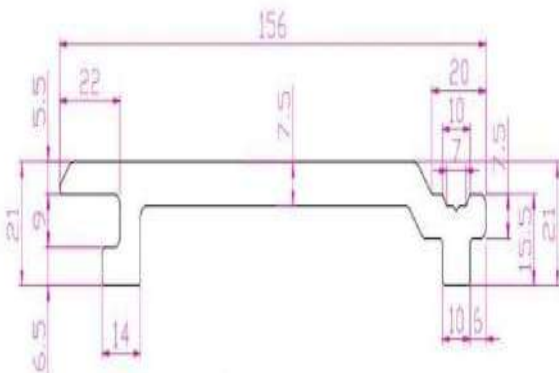
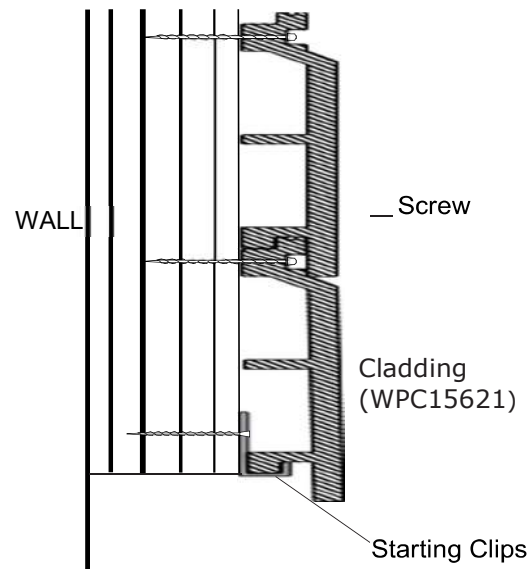
## WPC15621 INSTALLATION

With the first row of cladding boards installed, as per above, use a 4mm countersunk head self-tapping screw to secure the remaining cladding boards to each joist. Allow a 2mm gap at the end joints to allow for expansion – these can be staggered for aesthetic appeal. Subsequent rows are installed in the tongue and groove on top of the previous row, and then screwed onto the joists, as shown.

Check

The level after each new row of cladding has been installed. Continue this process until the area is covered as per design criteria.

DO NOT fix too close to the edge of cladding boards, all screws are required to be minimum 15mm and a maximum 25mm away from cladding board edges.



# CLADDING CARE & MAINTENANCE

## CARE AND MAINTENANCE

Following our easy-care tips will ensure that your AMAN Composite Wood looks fresh and attractive for years to come.

### NORMAL CARE

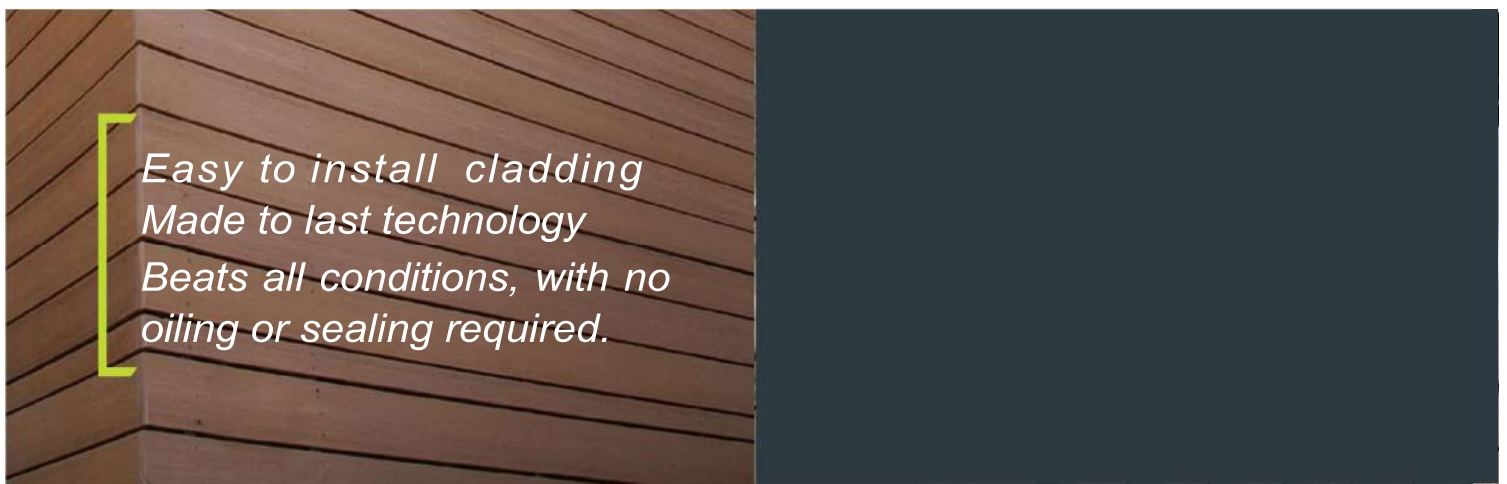
AMAN composite wood products require periodic cleaning to keep them looking great. For dirt, dust and other residue, simply brush with a soft broom. If necessary, wash the Composite Wood down in the direction of the grain with a garden hose or a pressure washer, no more than 1,500 psi.

PROBLEM	SOLUTION
Mould and Mildew	Clean away leaves and debris that promote mould growth. Ideally, you should clean the dirt off before mildew starts, because the dirt is what feeds the mould. If mould/mildew appears, a deck washing product and a detergent can be used. Never mix any other cleaners with the deck-washing product. Vinegar can be used to kill the mould.
Rust stains/stubborn spots	Use a cleaning product containing oxalic or phosphoric acid base to lighten or remove the rust or dirt. Product may need to sit on stain 10-15 minutes.
Oil and Grease Stains	As soon as the spill has occurred, use hot water and dishwashing detergent, to remove the stain. Be sure to thoroughly rinse the detergent off the fence with hot water. If need be, use a light stainless steel scourer.
Berries and Wine Stains	Mix bleach into hot water according to the bleach-packaging label. Scrub the stain lightly and rinse thoroughly. The stain may not disappear entirely.
Ink Stains	Inks may be permanent. However, scrubbing with hot soapy water may lighten the stain. Rinse thoroughly.

Note: Please note that some cleaners can lighten the color of your composite wood, so always test any cleaner on a small portion before cleaning the entire surface.

### ADDITIONAL TIPS

- Never apply harsh solvents such as acetone, gasoline, benzene, carbon tetrachloride or paint thinner.
- Never mix two or more cleaning agents when cleaning your composite wood products.
- Keep the area around your composite wood product clean and well ventilated.
- If you have any further queries, please call us at AMAN – 0457 610 690 or email [info@AMAN.com.au](mailto:info@AMAN.com.au)



*Easy to install cladding  
Made to last technology  
Beats all conditions, with no  
oiling or sealing required.*



PRODUCT DESIGN & INSTALLATION OPTIONS



HIGH DURABILITY & WEAR RESISTANCE



DOESN'T ABSORB WATER, SO NO WOOD ROT



MINIMAL COLOUR FADE  
<3% TO 5%



HIGH MECHANICAL & IMPACT RESISTANCE



EXCELLENT DIMENSIONAL STABILITY  
- WON'T WARP, TWIST OR BOW



EASY CLEANING, MAINTENANCE & REPAIR



## OUR CLADDING RANGE

WPC15621	156x21mm			Outdoor Cladding
WPC12020 Floor Profile	139x9mm			Outdoor Flooring
WPC7012 Floor Tile	139x9mm			Outdoor Flooring
WPC16928 3D wood Grain	169x28mm			Indoor Cladding
WPC1005	100x5mm			Cladding or flooring
WPC4018	40x18mm			Joist for wall or decking
MAN040	40x40mm			Corner trim for decking and cladding

**NB. Additional products, sizes and designs available on request. Profiles and Pictures are indicative only**

### STANDARD COLORS



### STANDARD FINISHES



### FIXINGS



Stainless steel Starting Clip



Plastic Clip



Stainless Steel Clip when using hollow decking as cladding  
10 per linear meter