



Acacia[®]
Composites
Bush to Bio Composites



SCAN ME

Decking Installation Guide

WPC, OR WOOD-POLYMER COMPOSITE, IS A POPULAR MATERIAL FOR DECKING, FENCING, AND OTHER OUTDOOR APPLICATIONS. IT IS MADE FROM A MIXTURE OF WOOD FIBRE AND POLYMER, AND IS KNOWN FOR ITS DURABILITY, LOW MAINTENANCE, AND ATTRACTIVE APPEARANCE. THE WOOD COMPONENT OF ACACIA-COMPOSITES' WPC PRODUCTS IS 100% MADE OF INTRUDER BUSH THAT IS A THREAT TO ECOSYSTEMS AND FARMERS IN VAST AREAS OF NAMIBIA AND SOUTHERN AFRICA. THIS WOOD IS DIFFICULT TO HARVEST, GRIND AND PROCESS, BUT MAKES AN EXCELLENT PRODUCT THAT IS AVERS TO WATER BY NATURE.



1. TOOLS AND MATERIALS

NEEDED:

- WPC decking boards
- Joists
- 20 Acacia Composites Easy Clips /m²
- 20 Screws for the clips /m²
- Drill
- Saw
- Level
- Measuring tape
- Safety glasses

2. PREPARING THE SUBSTRUCTURE

The first step in installing WPC is to prepare the substructure. This can be done using either Acacia-Composites WPC, metal, or wood joists.

WPC/metal joists: If you are using WPC or metal joists, make sure that they are level and spaced at the correct interval for your WPC decking boards. The recommended spacing for Acacia Composites decking boards is 30 cm.

Wood joists: If you are using wood joists, make sure that they are treated to prevent rot and decay. The recommended spacing for wood joists is 30 cm. Warping decking is often caused by warping wood joists, be careful!

3. INSTALLING THE WPC DECKING BOARDS

Once the substructure is in place, you can begin installing the WPC decking boards.

1. Install the first decking board, making sure that it is flush with the edge of the substructure. Acacia Composites offers all types of boards also without side grooves to be used as starter boards, as fascia or for for stairs.
2. Secure the decking board to the structure using stainless steel screws and Acacia Composites Easy clip.
3. Continue installing the decking boards, the gap is automatically defined by the spacer of the clips provide. This gap will allow for for drainage and expansion.
4. Once all the decking boards are installed, trim the ends of the boards using a saw if necessary.
5. Depending on your design, install the boards without side grooves as fascia fascia joints to cover the ends of the decking boards.
6. Screw the fascia joints to the structure.

TIPS FOR INSTALLING WPC DECKING

1. Use stainless steel screws to to attach the decking boards to the joints. This will help to prevent corrosion.
2. Leave a 10mm gap between the decking boards and the walls to allow for expansion and contraction
3. Make sure the decking boards are level and secure.
4. Pre-drill the holes for the screws to prevent the decking boards from splitting.
5. Use a rubber mallet to tap the decking boards into place.
6. Sand the edges of the decking boards to remove any rough spots.
7. Apply a sealant to the decking boards to protect them from elements.

CARING FOR YOUR WPC DECKING

WPC decking is very low maintenance, but there are a few things you can do to keep it looking its best.

- Sweep or mop your decking regularly to remove dirt and debris.
- Use a mild soap and water solution to clean your decking.
- Avoid using harsh chemicals or abrasive cleaners on your decking.
- Apply a WPC sealant to your decking every few years to protect it from the elements.

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WITH PROPER CARE, YOUR WPC DECKING WILL LAST FOR MANY YEARS TO COME.