

INSTALLATION HANDY TIPS

This serves as a quick reference prior to working with composite decking materials.

For more detailed information, please refer to our full Installation Guide at <https://poliwood.com.au/installation-guide>

1. All wood plastic composite materials will expand and contract according to the weather conditions. It is recommended to perform all sizing cuts at the same time of the day and similar temperature to ensure that any future movement remains consistent. Ideal temperature for cutting is around 25 degrees Celsius. Typically, composites can move +/-1mm per metre. Please refer to the Expansion and Contraction Table on page 8 of the Installation Guide for more details.
2. When storing boards on site, store in the same sun/shade conditions prior to use.
3. Boards are supplied factory cut. Prior to installation, the boards may require a final 5mm trimming cut to the ends to ensure a perfect 90-degree finish. Each board will then have a final working length of +/-5690mm.
4. It is recommended to use breaker boards when joining decking board lengths. If butt joining is going to be used, it is recommended to use *Poliwood* Grip Clips to have more control over the desired areas of movement.
5. It is recommended to use a 60T+ Multipurpose Aluminium or Composite Blade when cutting composites. Check that the blade remains sharp throughout the installation process. If the board cuts start to show signs of being chipped or ragged, replace the blade.
6. It is **not** recommended to face fix Hollow Core Decking Boards. However, if face fixing must occur, please consult the product supplier for guidance.
7. Installing the boards (page16 of the guide)
 - a. Starter clips are placed against the dwelling to receive the first board.
 - b. Place the first board, push it tight into the starter clip. Set the 5mm clip to the exposed end and tension so that the screw head is about 4mm below the deck surface. The screw head will therefore determine the board gaps. This is done to ensure that there is sufficient tolerance on the clip for small amounts of width expansion and contraction. (1mm clips will get the full final fix at this stage).
 - c. Place the second board in position and again set the screw to just below the deck surface. Once done, go back and full tension the first row of clips using the 50mm bit supplied or wait until the full deck is installed and then tension all the clips at once.
8. When face fixing a solid Fascia Board or Single Groove Decking Board, it is important to pilot drill the boards prior to the screw installation. This will prevent the surface pushing up around the screw head. Then slow tension the final screw turns into the board face.
9. Care needs to be taken when working on any composite surface. Trade tools are generally heavy and sharp and can cause damage. A deck surface is most at risk during the construction phase so clear the deck area of excess screws and clips to avoid accidental scratching and chipping whilst working.
10. Careful consideration must be given before securing additional fixtures to *Poliwood* Composite Boards. (eg. pool balustrading, fencing, etc.). Please consult the product supplier for guidance.