



WATERPROOF PROTECTIVE BOARDS INSTALLATION

**These general rules for installation are offered for guidance purposes only.**

1. Always store the boards in a level and flat condition
2. Ensure the boards are acclimatised to the ambient conditions prior to installation and, wherever possible, install close to the ambient condition anticipated during service
3. The boards should not be left unsupported for any prolonged period
4. Always allow for expansion and contraction at butt joints. H-section joining strips can be utilised to mask the space and create a professional finish.
5. Fixings should be installed into pre-drilled holes
6. Holes for fixings should be oversized by a minimum of 2mm in relation to the fixings, or alternatively slotted to allow for movement in the structure. We recommend fixing and covering the slot with a bolt and washer arrangement.
7. Avoid countersunk screws and do not over tighten. Allow some room for expansion. Use round headed screws if possible.
8. Try to install the sheets by fixing from top to bottom. This allows the board weight to take the form of its supporting structure.
9. Do not use nails to fix sheets.
10. The boards may be cut, drilled and machined using tools suitable for working with timber
11. It is not recommended to glue the sheet





**MANTICORE**  
L U M B E R

MAINTENANCE

The boards require no planned, preventative maintenance when in service. The boards can be cleaned with a standard power washer if adequate drainage exists. In the absence of adequate drainage, warm water and a lint free cloth or sponge may be used to clean the product. The boards are fully recyclable at the end of service.

WORKING WITH THE MATERIAL

**Tools**

Manticore can be worked using similar equipment to traditional wood. It can be sawn, drilled and CNC routed using typical wood working tools or machinery with good results. Circular saws and band saws work well with Manticore, but slower speeds are normally recommended to avoid friction heating. Similarly wood and even metal drills can be utilised, but again slower speeds are suggested.

**Routing & Fixing**

Routing is straight forward with Manticore sheets. The sheet can be cut into quite complex shapes using tungsten carbide heads. It can also be profiled into complex shapes and will give a good edge. In fixing Manticore sheets to other structures or walls, it is advisable to condition the sheet for around 24 hours at ambient temperature, ideally in the environment it will be used. Where possible, try to fix the sheet at or near its maximum operating temperature.

**Health and Safety**

Ensure good workshop practice by utilising gloves for handling of sheets and follow normal manual handling guidance procedures when lifting boards.

