

INSTALLATION

Decking Material

dassoCTECH® and dassoXTR®

Board & Clip Size

1850mm Long x 137mm Wide X 20mm Deep
5mm Clip Wide

Joist Spacing

462.5mm

Average Quantities

4 x G2 Boards per m²
Concealed Fix x 5 Clips & Screws Per Board
Direct Fix x 10 Screws Per Board



DELIVERY AND STORAGE

dassoXTR® and dassoCTECH® decking should be stored in covered area, out of direct sunlight and away from inclement weather. Keep decking at least 40mm off the ground by stacking boards on timber gluts, and cover material with a tarp to protect the product from ultraviolet (UV) light. dassoXTR® and CTECH® decking can be installed immediately and

FRAMING

Joist spacings are **462.5mm** or a divisible of 1850mm (the board length) refer to above.

In applications where the finished deck level is 300mm or above the substrate dassoXTR® and CTECH® decking is designed to be installed onto H3.2 timber joists as per NZ3604 – Residential Timber Framed Construction.

In applications where the finished deck level is 299mm or below the substrate dassoXTR® and CTECH® decking is designed to be installed onto Proframe Aluminium deck framing as per specific design residential timber framed construction. Installations under 299mm on timber subframes are specifically excluded from the product warranty.

INSTALLATION

dassoXTR® and CTECH® decking boards should be installed per the guidelines provided in NZ3604 Residential Timber Framed Construction. Additional recommendations can be found below:

Board Surface – Board can be installed either smooth face or wide grooved up.

Board Edge Grooves – G1 or G2 refers to the number of grooves in the side of the board. G1 boards are recommended for areas where the un-grooved board edge will be visible, such as stair faces or exposed deck edges.

Butt Joints – Ensure all butt joints are tongue and groove joined and butt joined on top of joists, no double joint is required. **NO** unsupported butt joints are recommended.

Cutting and Drilling - Boards can be cut, ripped, sanded, routed, or planed like traditional timber decking boards. Always use high-quality carbide tipped saw blades and high-speed steel drill bits. When required, sand only in the direction of the grain with a sanding block or belt sander – **DO NOT** use an orbital sander.

End Sealing Use Metalex timber sealer as part of the installation process to prevent checking and splitting at the end of all cut boards. WOCA Exterior Wood Oil is applied to dassoXTR® and dassoCTECH® boards at the factory.

CONCEALED CLIP FIXING

Fasten the first row of boards with 1 surface fixing screw every 462.5mm 20mm to 30mm in from the outer edge. Once the first row of boards is installed, insert concealed clips at the centre of each joist and into side groove on the board, slide the second board into the clips against the first board and screw the clips down to the joists. Repeat this process until you have reached the last row of boards. The last row of decking boards will be surfaced fixed at the outer edge. Only 1 clip is required on a butt joint. The concealed clips have 1 protruding outer edge which is designed for use holding the inner edge of a picture frame or breaker board. Special care must be taken to ensure the clips are installed in the correct orientation.

SURFACE FIXING

Fasten every board with two screws at each joist at 462.5mm centres, Pre-drill 4.5mm and countersink all screw holes. Screws should be located at least 20mm from board edges, and 25mm from the butt joint of each decking board

TIMBER SUBRFAME • Use 10G 10x65mm 304-grade stainless steel decking screws

PROFRAME ALUMINIUM SUBRFAME • Use 10G 10x38mm 304-grade stainless steel decking screws.