

Installation Guide

STORAGE

OzDeck should be stored under cover in a dry flat area out of direct sunlight, and supported every 600mm with a ground clearance of 100mm.

Storing on an uneven surface might cause the boards to twist or warp.

Failure to keep dry in storage can lead to growth of moulds & slight swelling of the boards.

OzDeck is heavier & more flexible than timber. When moving around, always carry on its edge.

TOOLS

Standard woodworking tools can be used when working with OzDeck.

Correct protective clothing and equipment should be employed at all times.

DECKING FOUNDATION & SUPPORT FRAME

Please consult your structural engineer for design specifications on the appropriate sub floor for your structure.

Joists must be level, straight and square. Any imperfections or undulations in the sub-frame will reflect in the finished appearance of your deck.

OzDeck is non-structural, and cannot be used as a bearer, joist or any other component of the foundation or sub-structure.

If you want to aid water run off, allow 3mm – 4mm fall per metre of deck.

Maximum joist spacing must be adhered to as set out in the 'Span Chart' below. Joist spans are measured from centre to centre, and must be level. Closer joist spacing's will improve the overall quality & performance of the deck.

The HD225 (140mm x 25mm) Decking & HD222 (55mm x 25mm) Fascia / Screening must span at least three joists when laid.

ozdeck	HD225 Decking	HD222 Fascia / Screening
Dimensions	140mm x 25mm	55mm x 25mm
Max Joist Centres (Residential)	450mm	1000mm
Max Joist Centres (Commercial)	300mm	800mm
Max Joist Centres (Laid 45° to joists)	300mm	700mm
Minimum Ground Clearance (Traditional Sub-frame)	300mm	N/A
Minimum Ground Clearance (Concrete / Solid Sub-structure)	50mm	N/A

PLEASE NOTE

FAILURE TO INSTALL OZDECK AS SPECIFIED IN THE FOLLOWING GUIDE WILL RENDER ANY WARRANTY ISSUES 'NULL AND VOID'. PLEASE VIEW OUR 'LIMITED 10 YEAR WARRANTY' AT WWW.OZDECK.COM FOR FULL TERMS & CONDITIONS.

PRIOR TO INSTALLING OZDECK, THE APPROPRIATE APPROVAL FROM YOUR COUNCIL OR ANY OTHER REQUIRED REGULATORY BODIES MUST BE OBTAINED.

OZDECK IS NON-STRUCTURAL, AND CANNOT BE USED AS A JOIST OR BEAM.

OZDECK IS A RECYCLED PRODUCT, AND WILL OFTEN HAVE SLIGHT VARIATIONS IN COLOUR AND SHOW TRACES OF RAW RECYCLED MATERIAL IN ITS FINISH. THESE ARE FEATURES OF THE PRODUCT AND IN NO WAY SHOULD BE CONSIDERED AS FAULTY, OR ARE COVERED UNDER THE TERMS OF OUR WARRANTY.

OZDECK WILL EXPAND AND CONTRACT WITH CHANGES IN TEMPERATURE AND MOISTURE.

INSTALLATION

It is common practice to start laying your deck from it's inside edge, which is usually the wall of an existing structure (house, retaining wall, etc). If your deck is freestanding, then use a string line as a guide to lay your first length of OzDeck (starter board). This should be fixed using a non-water based construction adhesive between the under side of the decking length and the joist.

Good ventilation is essential for your deck and the outer edges of your deck should never be fully enclosed. Always use the clips supplied to allow adequate gaps between each OzDeck length. (4mm minimum)

Ozdeck should never be laid directly onto any solid surface.

If laying onto a solid or watertight sub-structure such as concrete, brick paving or tiles, a minimum joist height of 50mm is recommended. (Steel or treated timber should be used). Joists should be layed parallel to the natural water run off, to allow for adequate water drainage

If laying onto a traditional steel or treated wood sub-frame, a 300mm minimum ground clearance is recommended.

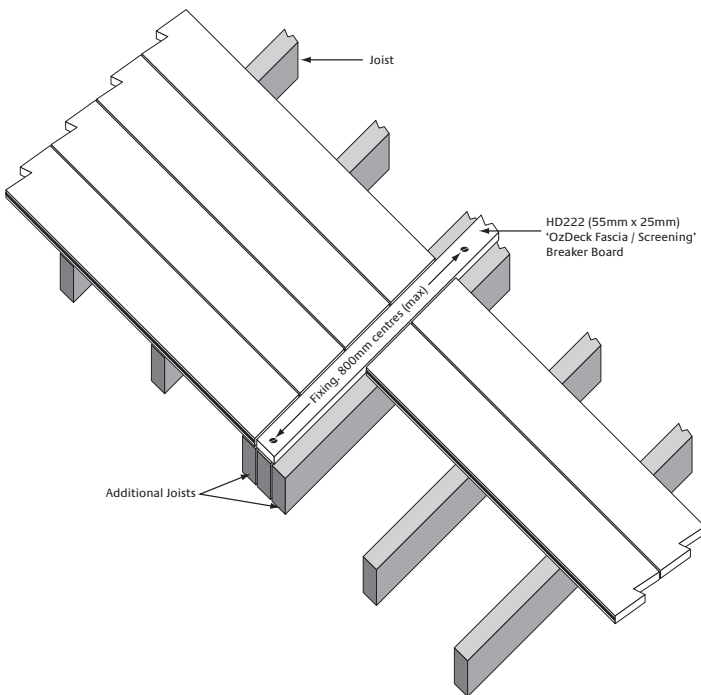
BREAKER BOARDS / BUTT JOINS

If 'butt joints' in your deck are unavoidable, it is advisable to use a length of HD222 (55mm x 25mm) OzDeck Fascia / Screening or HD225 (140mm x 25mm) OzDeck Decking as a perpendicular breaker board between the lengths of the decking. This will minimise the appearance of gaps in the butt joints caused by expansion and contraction, and act as a feature in your decking design.

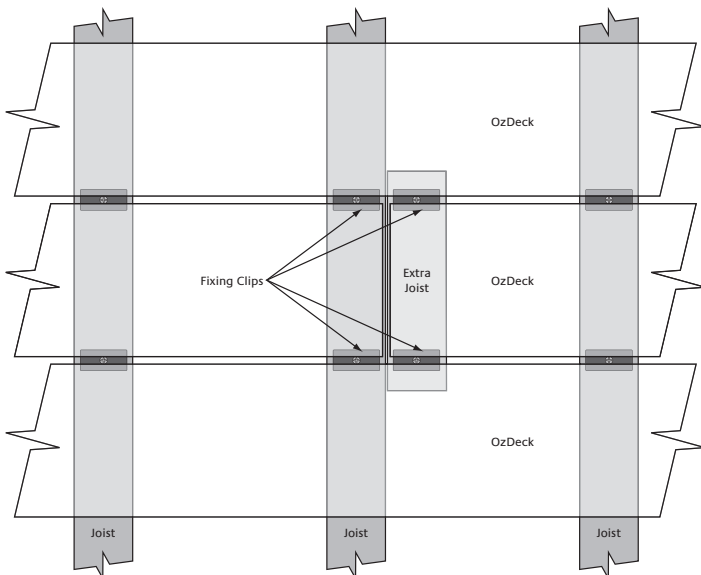
The visual effects of expansion & contraction are reduced proportionately to how close the breaker boards are together i.e. Shorter decking lengths equate to smaller gaps.

The HD222 (55mm x 25mm) Fascia / Screening is a solid profile, and needs to be fixed directly into it's surface. A maximum of 800mm centres between fixings is advised. See 'Fixings' section for alternative fixing options.

Additional joists will be required to support wherever a 'breaker board' appears in your deck.



If you choose to have staggered butt joints in your deck (Not recommended), they need to sit on a double joist. A fixing clip needs to be applied to both lengths of OzDeck at the butt joint.

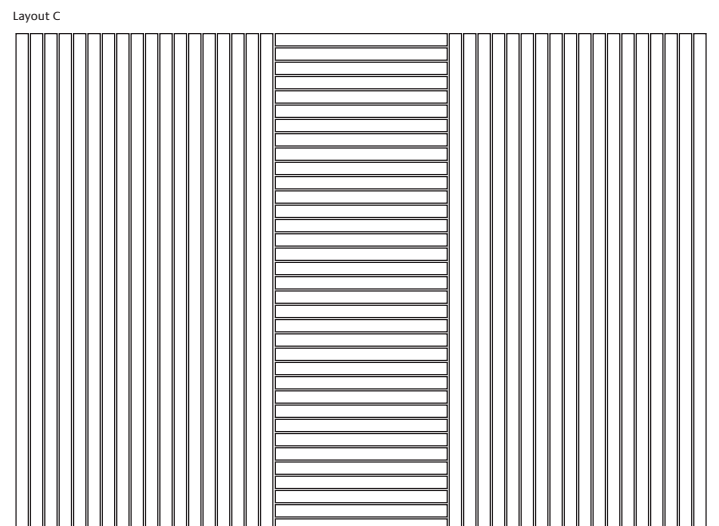
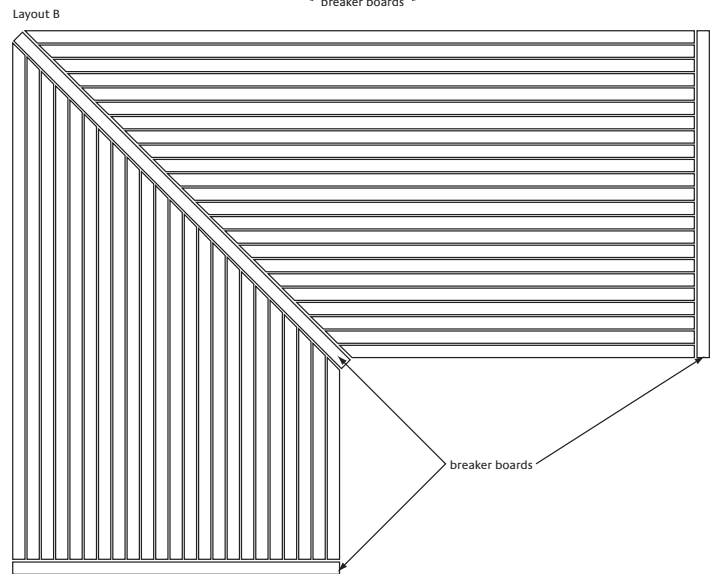
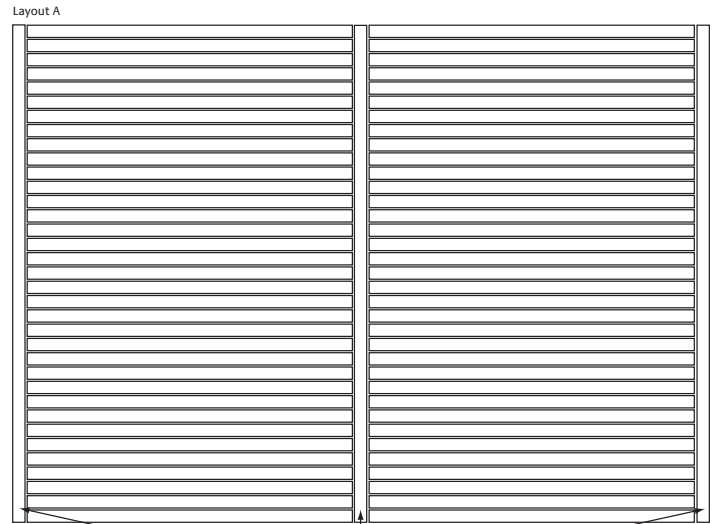


POSSIBLE BREAKER BOARDS COMBINATIONS

Below are some suggested ways of applying breaker boards to your decking.

Every deck is unique, and the design and shape of your deck will ultimately determine where the breaker boards are placed.

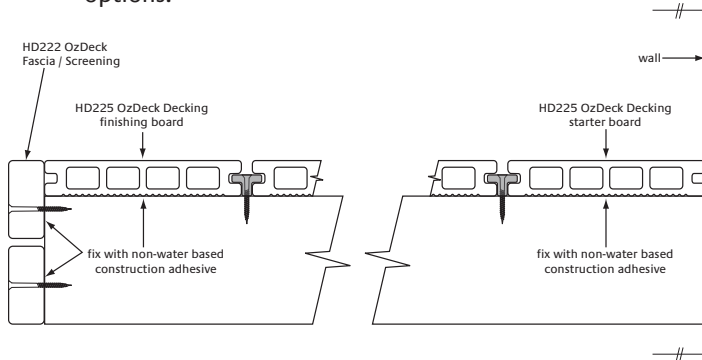
Being creative with the design can reduce wastage and create visually appealing design features.



FASCIA / EDGING

The outer edge of your deck can be finished with OzDeck HD222 (55mm x 25mm) Fascia / Screening. The last length of OzDeck (finishing board) should be fixed using a non-water based construction adhesive, and can be trimmed to fit if a full width cannot be fixed.

The HD222 (55mm x 25mm) Fascia / Screening is a solid profile, and needs to be fixed directly into its surface (800mm centres Max.) A fixing at every joist end is advisable. See 'Fixings' section below for alternative fixing options.



END CAPS

If your deck is designed to allow the deck to overhang the last joist (45mm max), end caps are available to close the end of the HD225 decking board. It is recommended that you glue these using a non-water based construction adhesive.

FIXINGS

Galvanised or 'grade 3' coated screws should be used for low corrosion areas, and a stainless steel screw for high corrosion areas.

HD225 (140mm x 25mm) Decking

OzDeck HD225 (145mm x 25mm) should only ever be fastened using the clips supplied with the decking.

If fixing to a wooden sub-frame or composite joist, please request and use the OzDeck plastic fixing clip.

If fixing to a steel sub-frame, please request and use the OzDeck stainless steel fixing clip.

HD222 (55mm x 25mm) Screening

When fixing OzDeck HD222 solid profile, always pre-drill holes before screwing or nailing.

Countersinking is also recommended when fixing with screws. The screw should finish flush with the top of the board.

The diameter of the drill bit should be at least the same as the nail; or the screw thread, if using screws.

Holes must not be closer than 15mm to the edge of the screening.

A Paslode TrimMaster Bradder (or equivalent) and 50mm Brads (minimum length) can also be used to fix the HD222 profile.

For extra strength and support (particularly stair and decking edges), it is also possible (and recommended) to glue the length of HD222 using a non-water based construction adhesive.

EXPANSION / CONTRACTION

OzDeck will expand and contract with changes in temperature. To minimise the effects of this on the appearance of your deck, we advise following the installation guidelines set out herein. It is best to install OzDeck when the ambient temperature is less than 25C and when the boards are not sitting in direct sunlight.

