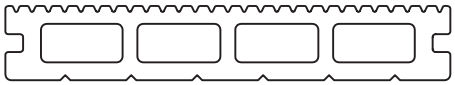
Fitting Guide

HD DECK® XS

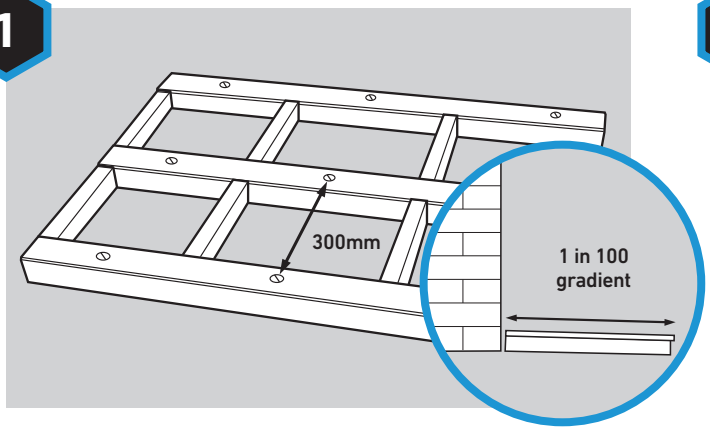
A **Composite Prime** Product

It is recommended that *HD Deck® XS* is installed as per this fitting guide, **paying special attention to steps 1 & 6**



***when using more than one pack on a project please check batch numbers to ensure all product is from same batch**

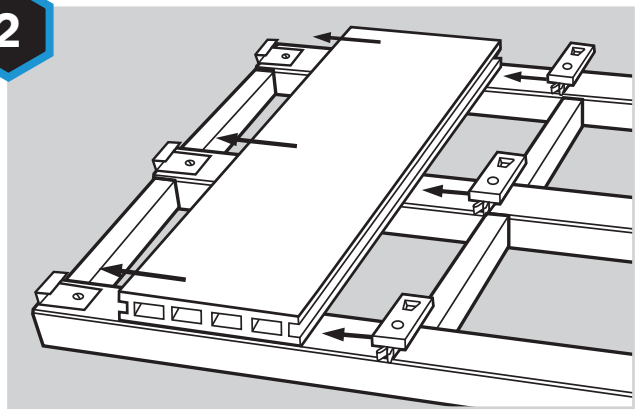
1



We recommend using treated 47x100mm timber joists and building in a gradual gradient of at least **1 in 100** (1%) that runs away from any adjoining buildings. Boards should run lengthways down this gradient to help water naturally disperse.

IMPORTANT: Spacing between the joists should be no greater than **300mm** between each joist.

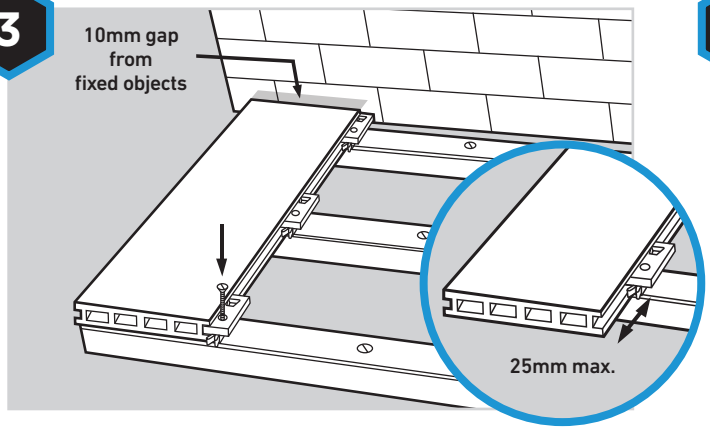
2



We recommend adding **HD Protect™** Premium Joist Tape to the top and exposed cut ends of the timber to protect it from moisture that can cause rot and loosening of screws.

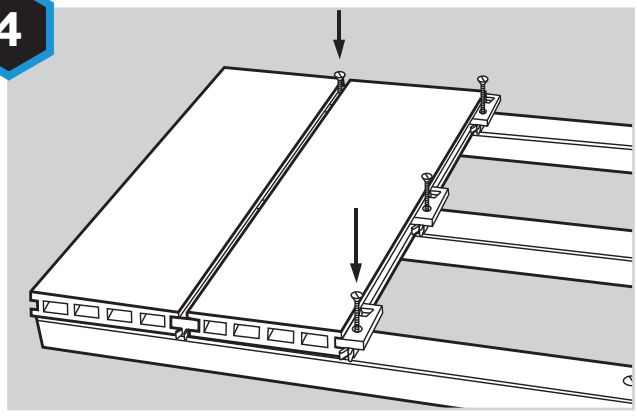
Place the first piece of decking on the timber frame with the decking running perpendicular to the joists. The first piece of deck may be secured with starter clips. **Do not screw or nail through *HD Deck® XS***, use one Universal Clip and screw on every joist.

3



To secure the first board, use one Universal Clip and screw on every joist. Take a screw, place in the hole located in the Universal Clip and screw into the wooden joist. **Do not tighten at this stage**. Make sure the boards do not overhang the joist at the edge by **more than 25mm** and a **10mm expansion gap** should be left between the wall or other fixed objects surrounding the deck.

4



Take the next piece of deck and securely push into the Universal Clips. Now nip the screw to secure the Universal Clip against the board. **Do not over tighten**. Now repeat steps 3 and 4 to cover the deck, using one Universal Clip and screw on every joist.

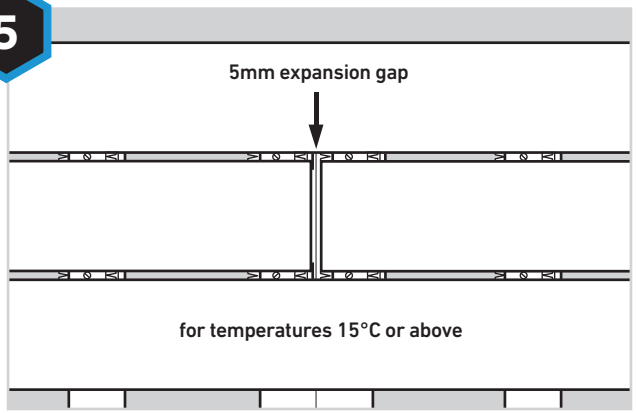
CUTTING NOTE:

All boards should be acclimatised to the same temperature, kept in the shade and out of direct sunlight prior to cutting to length. When cutting, always saw the board face up with a new fine-toothed blade to prevent dragging that can cause furring and split ends after installation. If making a large number of cuts, the blade should be replaced regularly.

Composite Prime®

NATURAL EVOLUTION

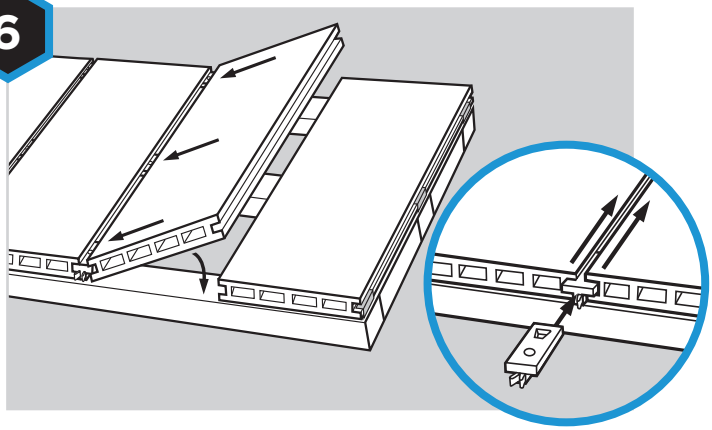
5



IMPORTANT: Do not allow deck boards to meet at the ends. When installing in temperatures of:
- 15˚C or above allow a **5mm gap for expansion**.
- Between 10-15˚C allow a **6mm gap for expansion**.
- Between 5-10˚C allow a **7mm gap for expansion**.

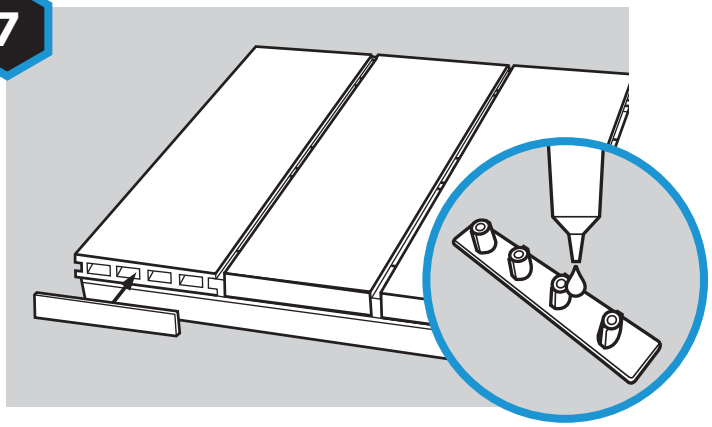
Do not install in temperatures below 5˚C. Joins should only occur over double joists with a clip securing each end.

6

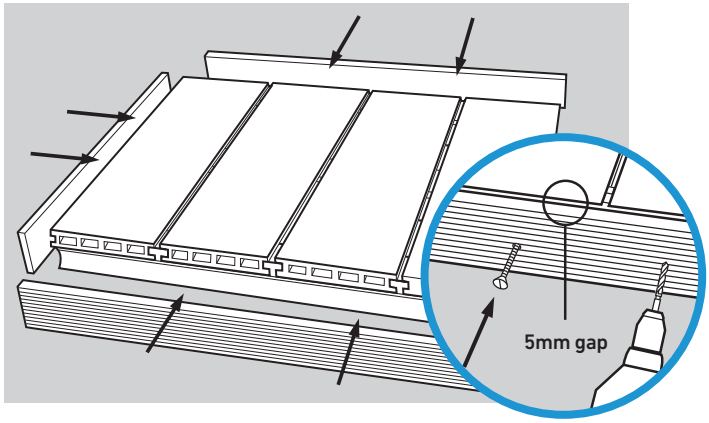


To fit the final boards, first measure the width of the final two boards to find out where the outer edge of the final board will lie. Using these marks, fit starter clips and slot the final board into place. Now insert the penultimate board, slide down the required number of Universal Clips and screw these into place.

7

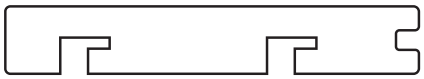


If using end caps, apply a high quality grab adhesive to the end caps to secure for extra adhesion. Wipe away any excess from the edge of the cap.



If using fascia, drill pilot holes with counterbore through the fascia at 200-300mm intervals. According to ambient temperature allow a **5-7mm gap** between end of deck board and the fascia. Screw fascia to the joist. Always screw fascia to the joist at a 90° degree angle.

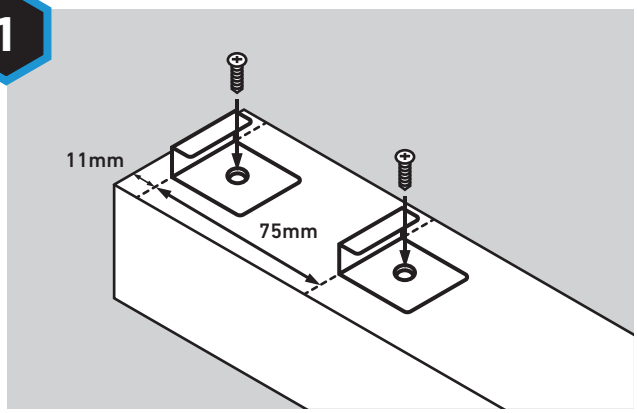
Installing the Bullnose



It is recommended that *HD Deck XS*® bullnose deck board is installed as per this fitting guide, paying special attention to the following steps. **NOTE:** *HD Deck XS*® bullnose is 150mm wide.
TIP: Check the grain direction of the bullnose before arranging the rest of the deck.

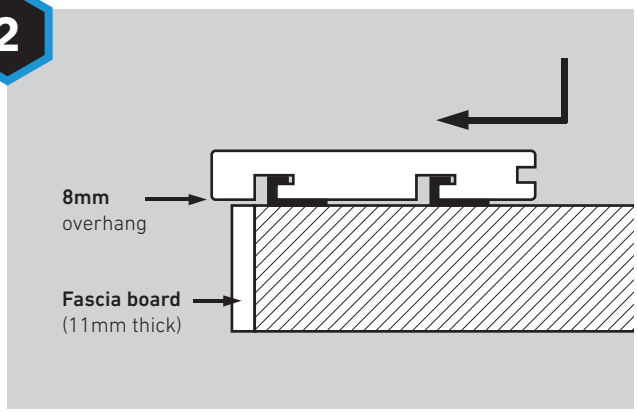
For an overhang finish

1



Place two starter clips as shown above, and secure in place with the respective screws. Ensure that the spacing measurements are correct.

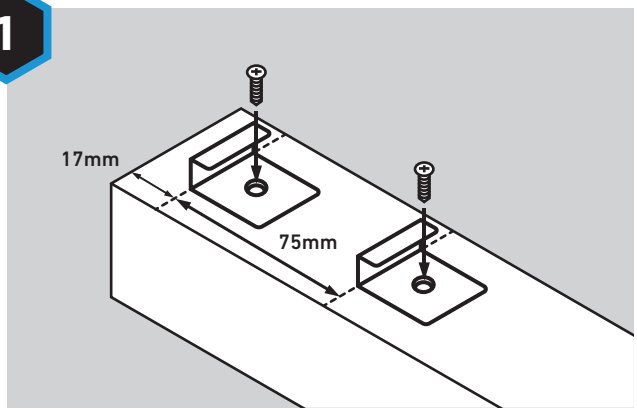
2



Insert the *HD Deck XS*® bullnose deck board over the clips and push it forward. Secure in place with Universal Clips as required.

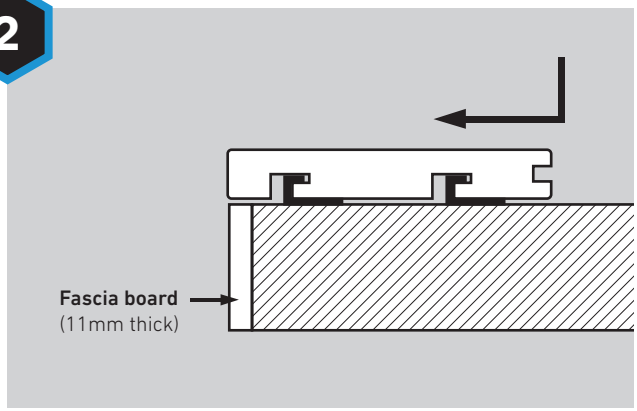
For a flush finish

1



Place two starter clips as shown in the above diagram and secure in place with the respective screws. Ensure that the spacing measurements are correct.

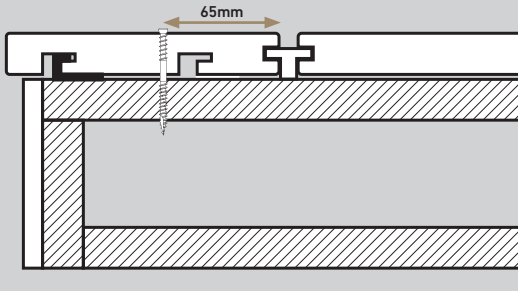
2



Insert the *HD Deck XS*® bullnose deck board over the clips and push it forward. Secure in place with Universal Clips as required.

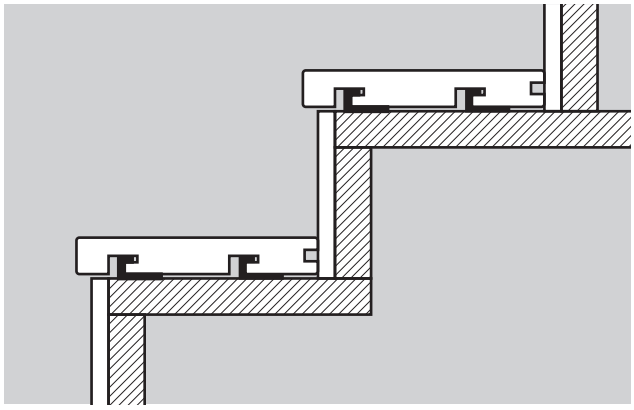
Borders

If face fixing with screws, pre-drill and ensure fixing is at least 65 mm from edge of the board.



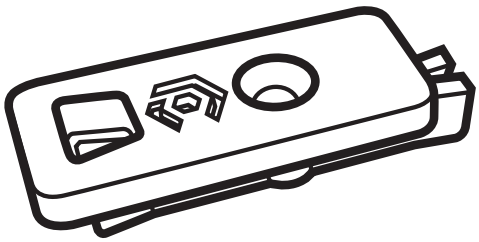
After installing the *HD Deck XS*® bullnose deck board, as per the above instructions, use the Universal Clip to secure to the rest of the deck. See ***Using the New Universal Clip*** overleaf.

Steps



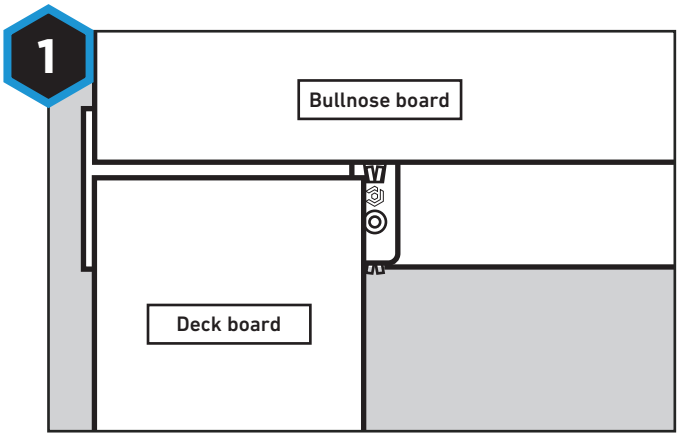
Install the *HD Deck XS*® bullnose deck board as per the above instructions, leaving a gap behind the board to enable you to fit the fascia.

Using the Universal Clip on borders

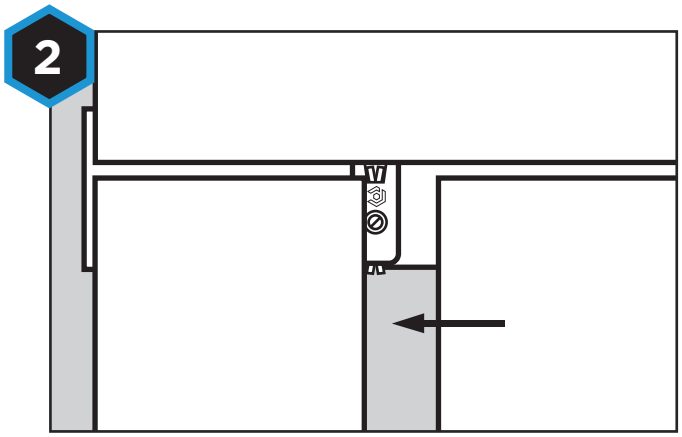


Overhanging front end for bullnose deck board installation

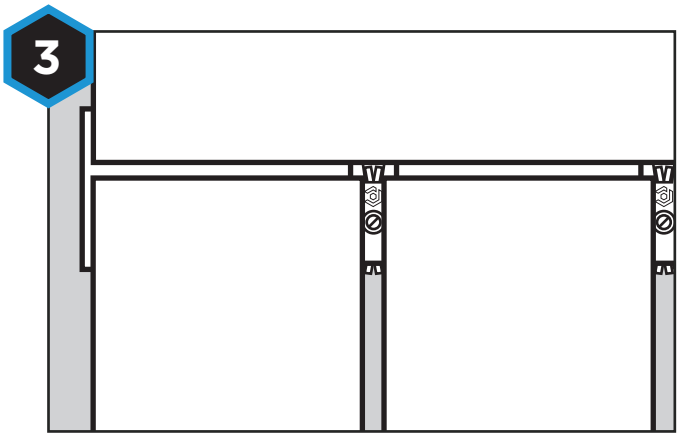
It is recommended that *HD Deck XS®* is installed using our Universal Clip. This clip is designed to enable you to also fit the *HD Deck XS®* bullnose deck board and create designs where the boards are fitted at right angles to each other.



Insert the Universal Clip as shown in the diagram with the front of the clip positioned in the groove of the secured bullnose deck board.



Screw the Universal Clip to the joist, then securely push the next deck board in place.



Repeat this process for the remaining deck boards, making sure the fronts of all the Universal Clips are firmly in the groove of the bullnose deck board.

Composite Prime Care & Maintenance Guidelines

Care Guidelines
HD Deck® XS is a low maintenance product but periodic cleaning is recommended. Your HD Deck may appear clean, however, it is important to prevent the build-up of pollen and debris that can cause mold growth. It is recommended that furniture placed on HD Deck® XS is fitted with rubber or felt feet to prevent unnecessary scrapes.

Weathering
During the first 6-12 months the colour pigments will stabilize, during this time fading may occur before weathering naturally.

Cleaning Guidelines
Domestic pressure washers may be used with caution, in conjunction with the spray nozzle, to remove stains, ground-in dirt and chalk. Keep a **minimum distance of 1ft between the nozzle and the deck** to prevent damage to the deck.

It is always recommended that you test a small area in an inconspicuous place to determine if the cleaning product being used to clean/remove stains from your deck will cause any unwanted discolouration.

Dirt, debris and watermarks
Clean the decking to remove dirt or debris by using soap, hot water and a stiff bristle. Rinse thoroughly.

Mold and Mildew
Use an organic patio cleaner such as Algon or a light bleach solution. Ensure all detergent is washed off after use.

Berries and Wine Stains
Mix an eco-friendly bleach in hot water. Scrub the stain lightly and immediately rinse the area thoroughly. Note: Using too much bleach may cause lightening of the deck colour. The stain may not disappear entirely.

Rust Stains, Ground-in Dirt and Grime
Use a cleaning product containing oxalic or phosphoric acid base to lighten or remove the rust or dirt. Product may need to sit on stain 10-15 minutes. Rinse thoroughly.

Oil and Grease Stains
Scrub in a household-degreasing agent as soon as the stain occurs. Rinse thoroughly with warm water. Or use Abzorbit grease and oil stain remover.

Chalk Markings
Scrubbing the area with hot soapy water may dislodge some of the chalk. Rinse thoroughly.

Ice and Snow
Rock salt, available in many home centres, will melt ice on decking. Rinse thoroughly when practical.

Images and drawings are for illustrative purposes only. *HD Deck® XS* may be laid in a variety of patterns, we recommend that you draw out how you would like your deck to appear, making notes of joins and joists before starting the installation. For elevated decks greater than 600mm (0.6m) in height we recommend using a professional installer. **When cutting, always saw the board face up with a new fine-toothed blade to prevent dragging that can cause furring and split ends after installation. If making a large number of cuts, the blade should be replaced regularly.** Don't forget to register your warranty, within 45 days of purchase, at www.composite-prime.com/register-warranty.