

Timber joists and decking installation guide

Before beginning work

Having taken delivery of your boards, we recommend you allow them a day to adjust to your local temperature and conditions before starting work. We do not recommend installing your deck in very cold or very hot weather. Your composite decking boards can be worked with normal woodworking tools. We recommend using a wood saw with a fine-tooth blade to cut boards to size. When cutting, care should be taken to ensure the boards are properly supported.

For your safety

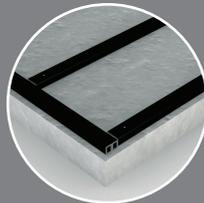
As with other building work it is important to work safely and to take suitable safety precautions including the wearing of protective clothes, gloves, safety goggles and dust mask. Visit the Health and Safety Executive's website www.hse.gov.uk for more information on how to work safely.



What joists for what surface?



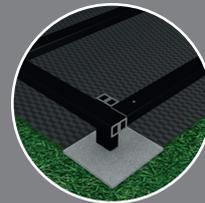
Grass
Wood Joists



Concrete (10cm max)
Composite Joists



Raised Decking
Wood Joists



Raised Decking
Structural Joists



1
Clear away any plants, weeds, rocks, or other material that might be obstructing your site. Cut away the turf or the lawn by using an edger to cut the area and then a shovel to remove it. Make sure the ground is level.



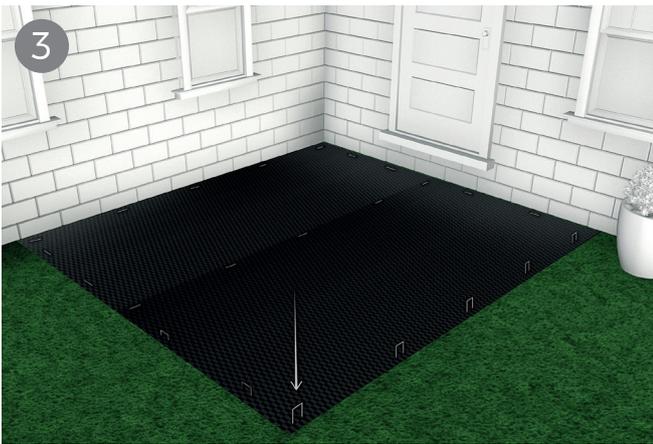
2
Remove the turf until the ground is completely even. Cover the area of your site with a layer of weed control fabric to prevent any weed regrowth coming up under your decking. You may need to cut the weed mat to fit. You may want to pin your weed mat down at this stage.



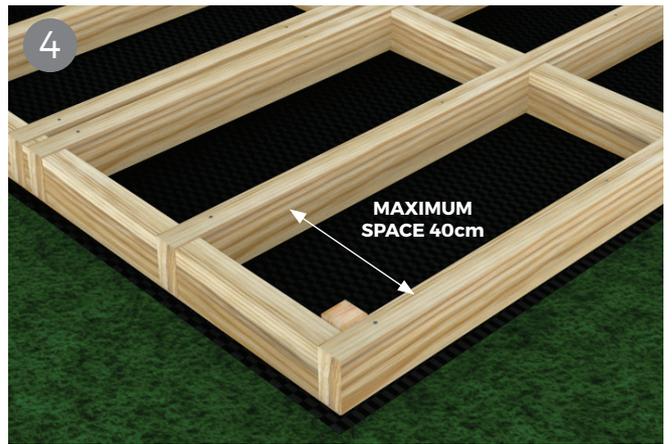
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Lay your Cladco Weed Mat on top of the prepared soil, if you need to overlap ensure you do this with enough coverage for weeds not to penetrate through. Cover the weed mat with your desired coverage such as chippings, bark or stones so none of the weed mat material is exposed.



The maximum recommended space between joist rows depends on the angle at which you intend to lay your boards in relation to the joists, but should **never exceed 40cm**, please see diagram (above).

TOP TIP Covering the material will elongate the lifespan of the fabric and should stop weeds in the area for years to come.



Starter clips needs to be fixed to the end of the joists before laying the first board. Place these at the end of each joist, leaving a gap of 15mm between the wall and the starter clip to allow for expansion.



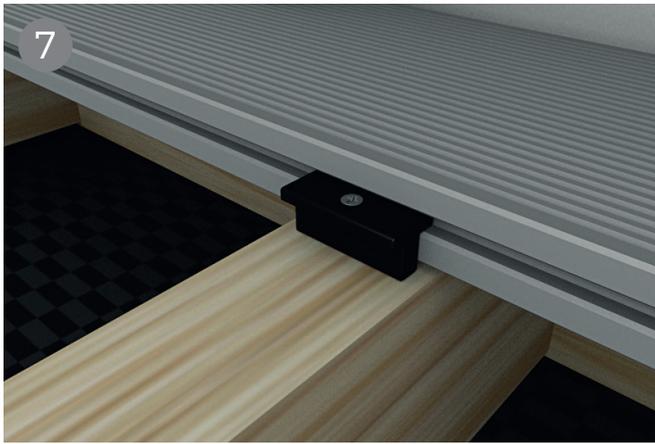
Our composite boards are easily fastened to the joists of a supporting substructure with the help of our stainless steel screw and plastic T-Clip system. Start at the outside of the area to be decked. Place your first board and fix it to each joist it crosses using a row of starter clips.



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Then fit T-clips into the groove along the side of the board and screw them into the supporting joists with the screws provided, one T-Clip for each supporting joist. We recommend you use our stainless steel wood screws offering increased wear and less corrosion. **T clips will leave a 7mm gap between boards.**



Fit your next board by sliding it onto the T-Clips used to secure the first board and fitting another set of T-Clips to secure the opposite side of the board, again one T-Clip for each supporting joist. Follow a similar process to fix subsequent boards.



The ends of boards must be fully supported. No overhang or cantilever is advised.



At butt joints - where the ends of two decking boards meet, this may mean doubling up on supporting joists as you will need to ensure that each board is held in place with it's own T-Clip where they meet.



Having fastened your boards all that remains is to tidy up the sides of your new deck with our composite skirting or fascia boards which can be used to hide the unfinished end of boards and supporting joists.



Our hollow decking end caps are used to seal off the ends of hollow core boards to give your decking a professional finished look, end caps are available in the same colours as all our composite decking boards. Apply them to neatly complete your decking project.



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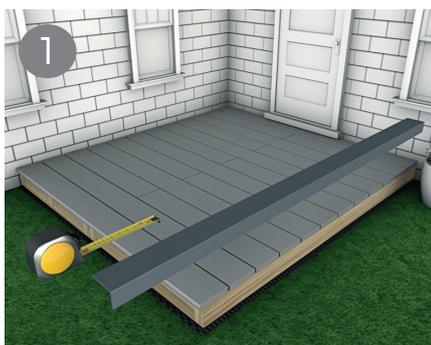
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How to finish your Decking Installation guide

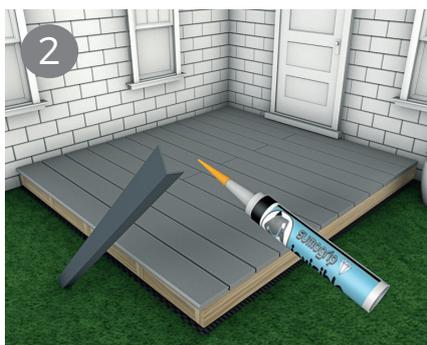
When creating your decking space there are lots of options for creating a high end finish from corner trims and bullnose boards for the edging and steps, to fascia boards for raised areas. This simple guide will show you how to install those options. We recommend you do not fully close your deck to allow for the free circulation of air and drainage.

CORNER TRIMS

Corner trims are an L shape angle piece which can be used on the edges of your composite decking area. You can use a matching colour to compliment the rest of your project or even if you wanted a contrasting look, with each composite corner trim available in all 8 colours as the decking.



1 Take the corner trim and measure the length of the area its going to be fitted on to. Corner trims can be cut and worked just like timber so can be cut to desired size. If placing two trims side by side, simply butt up together.



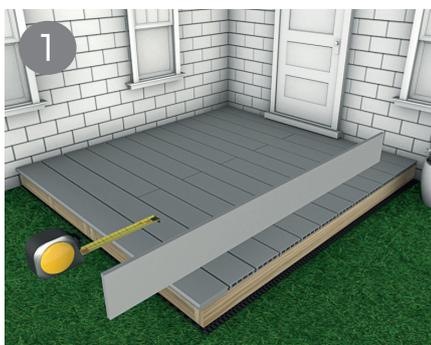
2 Once the corner trim is cut to size, you can use sumogrip adhesive along one or both sides of the corner trim and attach to the edge of the decking. To allow for expansion you may wish to only glue the top edge to allow for some movement.



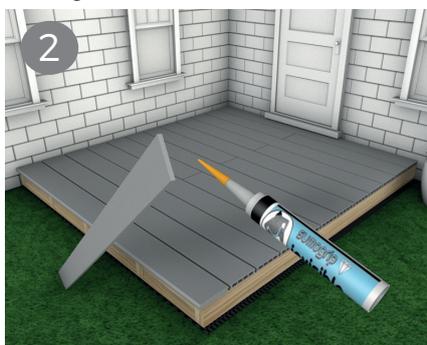
3 Once installed, you can then cut and place the second piece of trim along the edge until you have the desired finished look.

SKIRTING TRIM

Each skirting trim, just like our composite decking and cladding boards, can be cut to size and sanded to fit. Skirting trim can be used as a fascia to your decking project depending on the depth required. Skirting trim is available in 8 colours to match the decking.



1 Measure the edge of the decking area to obtain the length required, skirting trim can be cut to size as needed. If you need a longer length than 2.2m simply butt the two skirting edges up together.



2 To fit the skirting trim you can either glue this using sumo grip adhesive or the trims can be screwed into the joists (Please note this method may cause the natural fibres to split) We advise the sumo grip adhesive option.



3 Once installed, you can then cut and place the second piece of trim along the edge until you have the desired finished look. A **gap of at least 8mm** should be maintained between skirting trims and the ends and sides of boards.

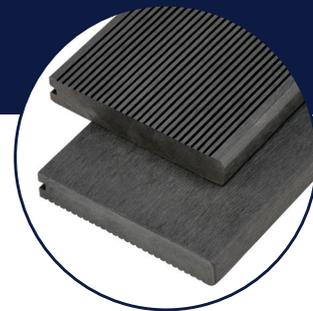


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Bullnose Boards



These decking boards are designed to give your decking project a professional finish to its borders. The rounded bullnose design creates a neat edge that can be used with all our composite decking profiles. Bullnose boards can be used into a picture frame effect as a different colour to the main deck, or in a complementary shade to blend in. They are also particularly good for steps.



1
After the last board of the main project has been laid, screw in a T clip along the edge of the final board. The bullnose board can then be inserted next to it, as per the image above.



2
Once the bullnose board is placed you will need to insert a screw at an angle through the supporting joist underneath the board. Ensure the bullnose board is supported along the length with joists and a screw is inserted into each one.



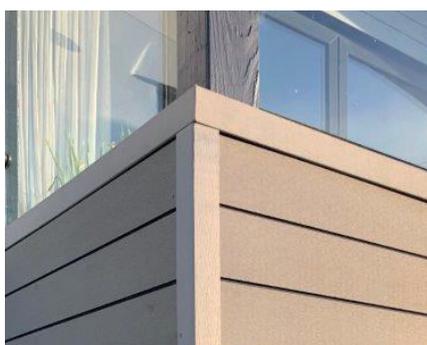
3
Once the bullnose board has been secured into place you can use a skirting board to neaten the edge. For higher areas you may wish to use a decking board as an edge. Secure the skirting edge with either a screw into each joist or using sumo grip adhesive.

FASCIA BOARDS

If creating a raised decking area you may wish to use a fascia board along the front edge, this can cover the support system used underneath the decking area. Depending on the height of your decking area you may wish to use decking boards, skirting trim or in some cases wall cladding can be used as a fascia.



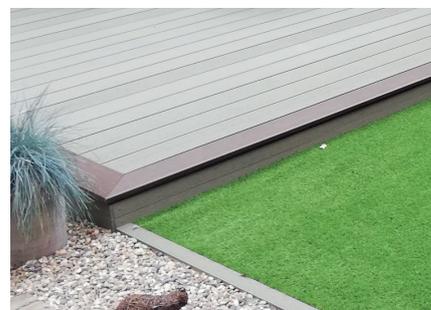
To use decking boards as a fascia, you will need to ensure you have suitable joists behind to secure the decking boards. Measure and cut the board to the desired size, you can then install these using the t clip system in a vertical or horizontal pattern.



To use wall cladding as a fascia, you will need to ensure you have suitable joists behind to secure the wall cladding onto, then simply screw through the lip of the wall cladding board and install the next board on top. This can be done in a vertical or horizontal pattern (see wall cladding installation guide for more information).

END CAPS

may be a tight fit, due to the natural fibres you may need to slightly sand them before placing on the ends of the boards. Ensure the end caps are not forced into place as this may cause them to snap.



Skirting Trims can also be used in areas where the front fascia is much smaller, as these boards are much thinner. Use sumogrip adhesive to secure these.



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