



Installation & Maintenance Guide

WELCOME

This installation guide aims to provide you with helpful advice on how to successfully install and care for OVAEDA® composite decking and porcelain paving simply and effectively using the revolutionary Tectonic® subframe system.



Contents

Pre Installation Guide

Storage & Handling	4
Tools Required For Installation	4
Area Preparation	5

Installation Guide

Installation Preparation	
Before You Start	7
Laying Out Your Pedestals	8
Fixing Pedestals To Joists	9

Composite Decking

Decking and Trim Installation	
Installing a Fascia Profile	11
Fitting the Bullnose Boards	12
Fitting the Decking Boards	12
Fitting the Final Board	13

Steps & Stairs Installation

Tectonic® Steps Installation	
Before You Start	15
Creating The Subframe	16
Installing Decking Onto Steps	18

Paving Substructure Installation

Tectonic® Overview	21
Creating The Tectonic® Subframe	22
Installing Porcelain Paving	24

Cleaning & Maintenance

Composite Decking	26
-------------------	----

Cleaning & Maintenance

Porcelain Paving	28
------------------	----

Pre Installation Guide - Preparation

Pre Installation Guide

Handling Your Composite Decking

Storage & Handling

Read the following information carefully before you begin your installation project:

- Ensure you have a suitable, flat area cleared ready, prior to install your composite decking. Laying your deck boards and any accompanying products on wooden battens at approximately 400-500mm centres will ensure that the boards avoid any sitting water, dirt or grit that may scratch or damage the boards ahead of installation.
- When storing your composite decking boards for an elongated period of time outside, ensure they are covered properly with a layer of sheeting. Possibly weigh the sheets down with stone or bricks to prevent them being affected by any wind or rain.
- Be sure to take extra care when lifting, moving or fitting boards to avoid accidental scratching. Do not drag, slide or drop boards when laying over one another. Materials should be handled with care when unloading
- The joists are designed to take live loads, any static loads must be placed over the supports
- Allowing your working area as tidy as possible will help to keep the surface of the boards free of any construction debris.

*It is the responsibility of the customer to check the good upon arrival for any damages or missing items.

How to tell us about problems. If you have any questions or complaints about the goods, please contact us. You can telephone our customer service team at **(0)208 159 2999** or write to us at **sales@ovaeda.com**

Tools Required For Installation



Hand Drill



Tape Measure



Pencil



Circular Saw



Jig Saw



Spirit Level

Pre Installation Guide - Preparation

Safety & PPE



Gloves



Safety Glasses



Dust Mask



Safety Footwear



Ear Protection

Preparation

General Advice

With solid flat foundations and flat roof are as the decking substructure can be supported with adjustable support pedestals. These are simply placed straight onto the ground with a protective rubber pad (for flat roofs) and the height of each is adjusted by rotating the pedestal top.

Preparing a Concrete Area

General Advice

- The foundations should incorporate a drainage slope of 5mm per meter to avoid water pooling.
- The installation condition should be flat and stable in order to avoid deformation of the decking surface.
- A gutter or scupper should be made in the foundations.
- Composite boards must be a min. of 10mm off the ground.
- In areas of potential excessive water and debris build up, we recommend either Manticore plastic bearers or min. 90mm off the ground for pressure-treated timber joists to ensure good air ventilation and water passage.

Preparing a Roof Terrace

General Advice

- Ensure the roofing membrane is 100% watertight and free of debris.
- On flat roofs, protective rubber mats should be placed under pedestals to avoid damaging the roofing membrane.
- Where a waterproof membrane is in place, pedestals cannot be bolted to the ground; the weight of the decking should be sufficient to keep all in place.
- To give the roof membrane an extra layer of protection, use a Tectonic® rubber pad underneath each pedestal or cradle.



Substructure Installation

Installation Guide - Installing The Subframe

Before you start

OVAEDA® Composite Decking can be installed onto various sub-frame choices; aluminium joists, treated timber or plastic lumber anti-rot joists. For all types of sub-frames, you must adhere to the following rules to ensure the warranty validity.

Plastic Lumber

- Always ensure expansion gaps between joists are left to avoid warping from expansion & contraction of the joist.
- Plastic lumber should be installed with the greatest dimension as the upright.

Aluminium Joists

- Aluminium Joists should be installed with the greatest dimension as the upright.
- Ensure aluminium joists are supported correctly within their maximum span distance - see table below
- A joist must be used under deck board ends, and a double joist structure for deck butt joints

How to tell us about problems. If you have any questions or complaints about the goods, please contact us. You can telephone our customer service team at **(0)208 159 2999** or write to us at **sales@ovaeda.com**

Decking Spacing & Support Spans

The range of composite decking you use will determine the joist centres used for the project. Ensure widths between joist centres are no greater than below table:

Range	Max. Support Span (Centre-to-Centre)
Grooved	400mm
Natura™	400mm
NaturaPlus™	400mm
Luxura™	400mm

Aluminium Joist Span Distance	Max. Support Span (Centre-to-Centre)
22mm Joists	400mm
38mm Joists	600mm
72mm Joists	1200mm

Installation Guide - Tectonic® Subframe System

Our Fully Adjustable Tectonic® Pedestal Range

Our selection of fixed-head & self-levelling, fully adjustable pedestals are able to provide you with an easy-to-use system that are designed to elevate your subframe correct sloping surfaces. The pedestals are easy to adjust by simply twisting the base or neck to achieve the perfect height.

Tectonic® Self-Levelling Adjustable Decking Pedestal for Aluminium Joist



Tectonic® Self-Levelling Adjustable Decking Pedestal for Timber Joist



Tectonic® Adjustable Decking Pedestal for Aluminium Joist



Height Range
40-56mm
50-70mm
70-110mm
110-160mm
150-210mm
200-300mm
300-400mm
400-500mm
500-600mm
600-700mm
700-800mm
800-900mm
900-1000mm

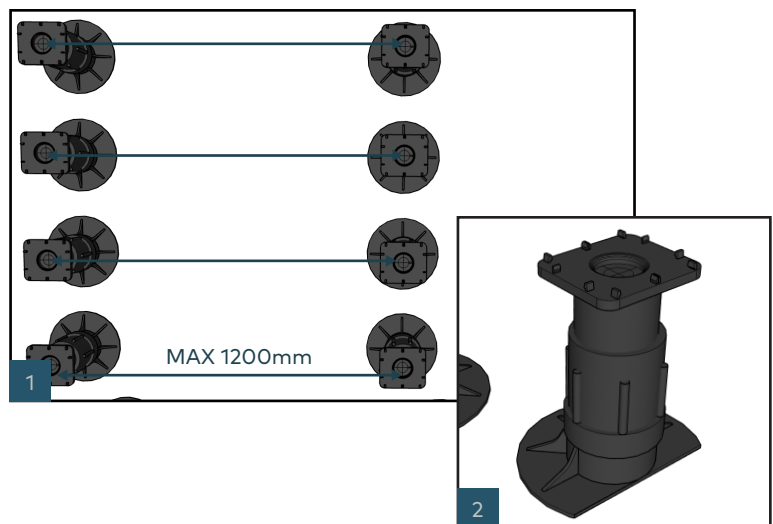
Height Range
40-56mm
50-70mm
70-110mm
110-160mm
150-210mm
200-300mm
300-400mm
400-500mm
500-600mm
600-700mm
700-800mm
800-900mm
900-1000mm

Height Range
22-35mm
35-55mm
55-95mm
95-165mm
165-235mm
200-270mm
260-340mm
305-445mm
410-480mm
470-550mm

1. Setting Out The Pedestals

Begin by setting out the first row of pedestals in a linear fashion to form a grid style layout. We recommend equally spacing the pedestals out at a maximum spacing of the joist being used - refer to table on page 7 (fig.1)

For pedestals that will sit directly up against a wall or when you are installing fascia, cut the base of the pedestal to ensure sufficient support (fig.2)



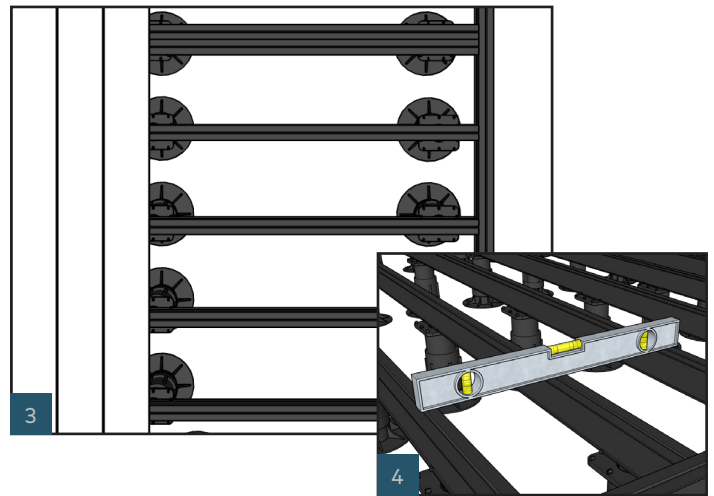
Installation Guide - Tectonic® Subframe System

2. Lay Your Joists Onto Your Pedestals

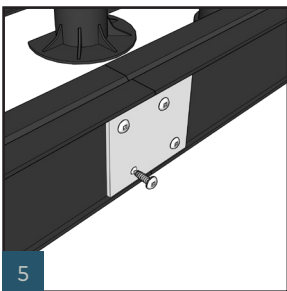
Once you are happy with the layout of your pedestals and the heights have been adjusted, lay each joist on top of the pedestals. The direction of the joists should be laid at right angles to the direction you wish to lay out your boards. (fig.3)

Ensure that the joists are levelled out correctly using a spirit level. (fig.4)

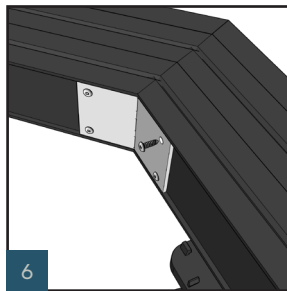
You can adjust the height of the pedestals by simply rotating the base of each pedestal.



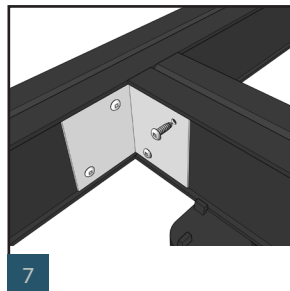
Tectonic® Aluminium Subframe Connectors



5
Straight Connector



6
135° Connector

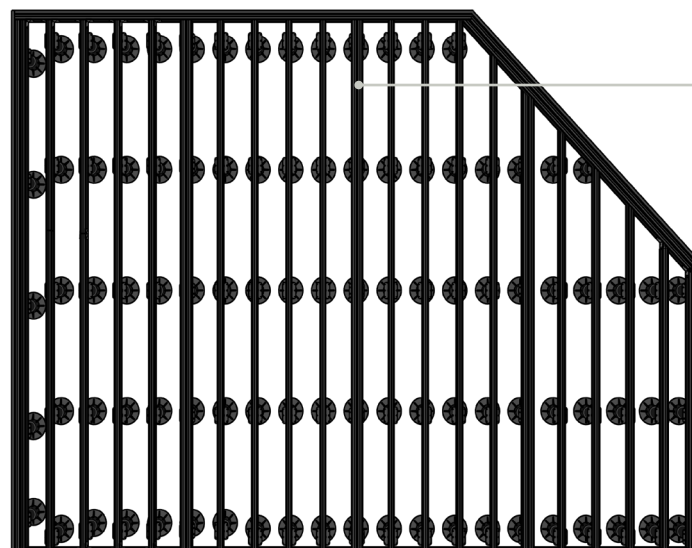


7
90° Connector

Tectonic® Aluminium Subframe Connectors are used for connecting long spans and various angles of Tectonic® Aluminium Joist together, creating a rigid platform.

The steel connectors range from 22 - 72mm in height and are designed to be used with all types of OVAEDA® aluminium decking joists.

System Overview



Double Joist where board ends meet

Decking Boards & Trim Installation



Installation Guide - Composite Decking

Composite Decking Installation - Overview

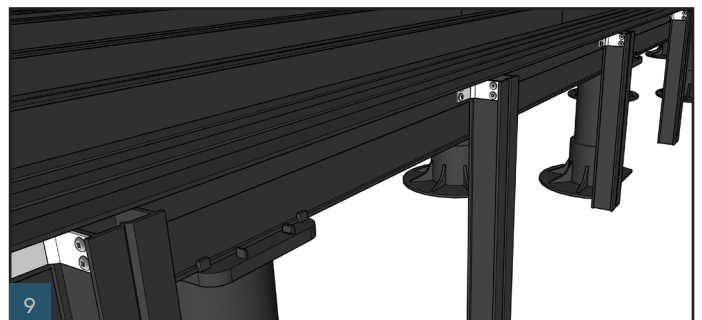
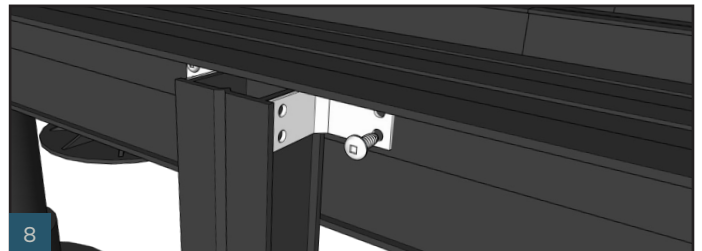
OVAEDA® decking boards can be used to create a fascia around the deck edges. This option is available as part of all our composite decking ranges and will result with no visible screws when following our installation process. Once your subframe is securely positioned, you can begin to install the composite decking boards and edging options, made easy with the help of our starter/end clips and fixing.

This system is designed to specifically work with our own composite boards & hidden fixings. They allow users to install composite decking without the complications of direct face fixing along each deck board.

Preparing For The Fascia Profile

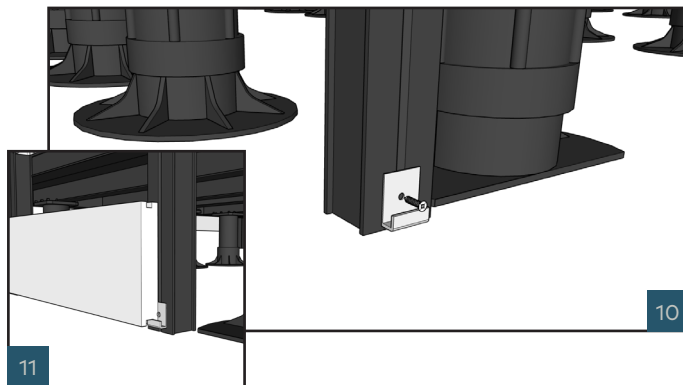
Once you have your subframe joists in place and are consistently spaced out, you are ready to begin the installation of your fascia board. Start by installing a fascia profile along the fascia edge, fixing every 500mm using 13mm aluminium subframe screws. We recommend pre-drilling screw holes to make inserting the screws easier. Repeat this process every 400-500mm. (fig.9)

Cut 38mm joists to match the height of the vertical edge and attach a fascia bracket to each side of the cut joist. Fix down using 13mm screws (fig.8)



At the base of the vertical joist, fix a starter/end clip using 19mm screws and repeat this process at each vertical joist. (fig.10)

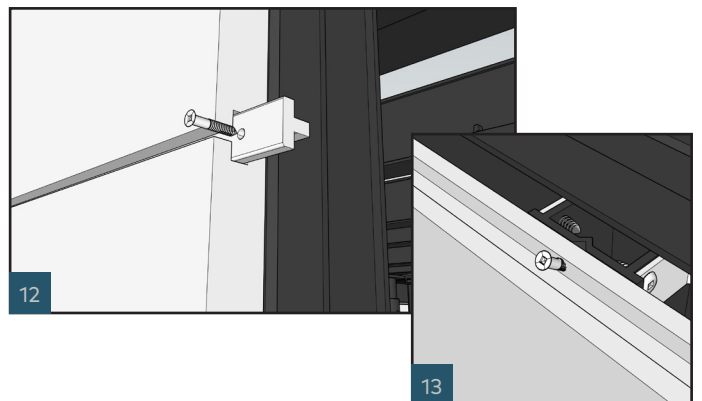
You are now ready to insert your first fascia board. Simply rest the board over each starter/end clip and hold into place before securing. (fig.11)



Securing The Fascia Boards

Insert a row of T-Clips along each vertical joist, resting upon the top of the fascia board you have just placed and semi secure into place with 19mm screws. (fig.12) Allowing room for the next board. Once the 2nd board has been inserted, you can then fully tighten the screw into the T-Clip.

Direct fix the top fascia boards to the vertical joists using 30mm screws. Repeat at each vertical joist (fig.13) We recommend pre-drilling screw holes to make inserting the screws easier.



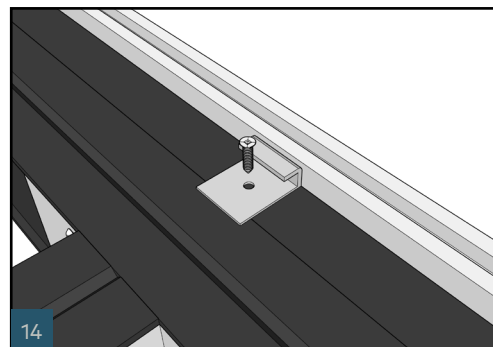
Installation Guide - Composite Decking

Composite Decking Boards and Trims

A perimeter finish is very simply achieved by using Luxura™ bullnose edge boards or corner trims. The Luxura™ bullnose edge board has one rounded edge, providing an aesthetically pleasing finish at the perimeter or on steps of your decking area. The boards can be used with the hidden fastener system to create a flush finish for steps and deck board edges. There are two methods for installing the bullnose board, parallel and perpendicular to the decking.

1. Preparing For The Perimeter Board

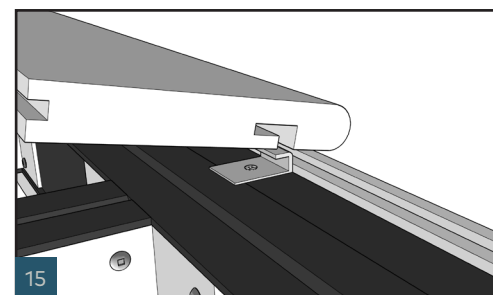
Install a starter/end clip on the outside edge of the substructure framework and secure using 19mm screws. (fig.14) Repeat this process every 300-500mm



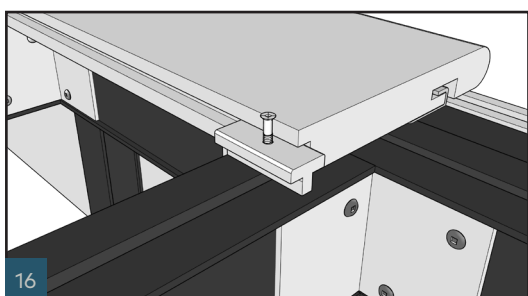
2. Inserting The Bullnose Edge Board

Once all starter/end clips are secure, insert the bullnose edge board at a 15° angle (fig.15)

When the edge board is securely positioned, insert a T-Clip over each joist, into the exposed grooved edge on the inside of the edge-board, ready for subsequent decking boards. (fig.16)

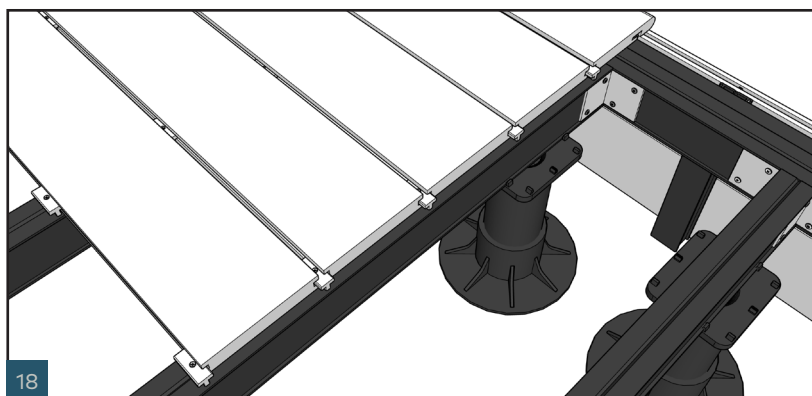
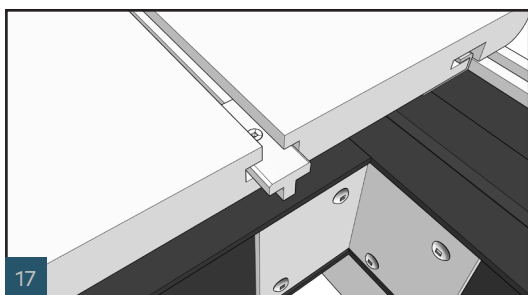


Preparing For Subsequent Boards



Using a 30mm screw, fasten the T-Clip into place - do not completely fix down the clip, as you will need to allow space for the next board. Proceed to attach a T-Clip at every intersection between a board and a joist. (fig.16)

Line up your second row of boards and align the grooved channel with the opening of the fixing clip and screw into place. (fig.17) Repeat this process to fix and install your composite deck boards to create the decking area. (fig.18)

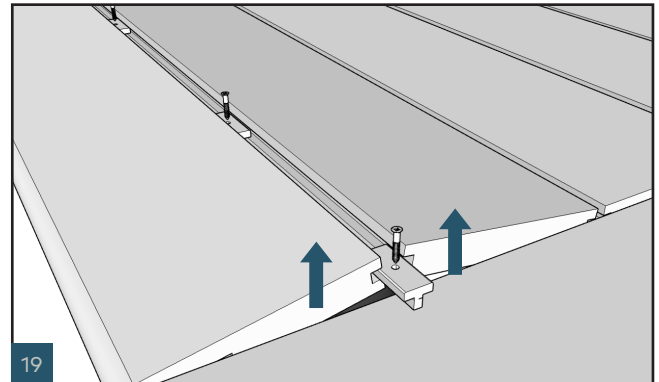


Installation Guide - Composite Decking

3. Installing The Final Board

Place the grooved-channel on the inside of the final board into the last row of T-Clips. With the final two boards in place, slightly lift both boards upwards and slide in the required number of T-Clips over each joist to complete the installation. (fig.19)

Once in position, you can fully fix down the T-Clips using 30mm screws.

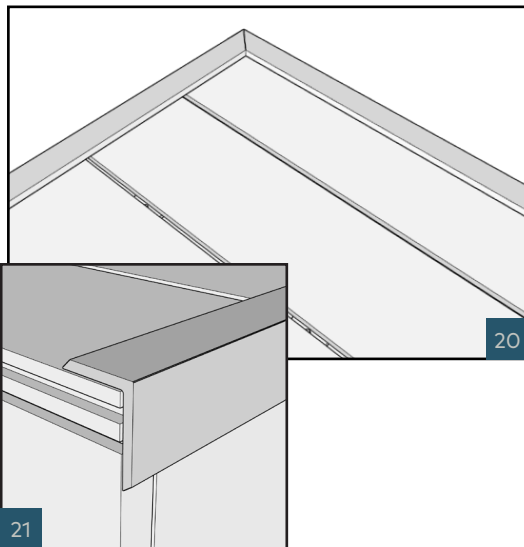


4. Installing Corner Trims

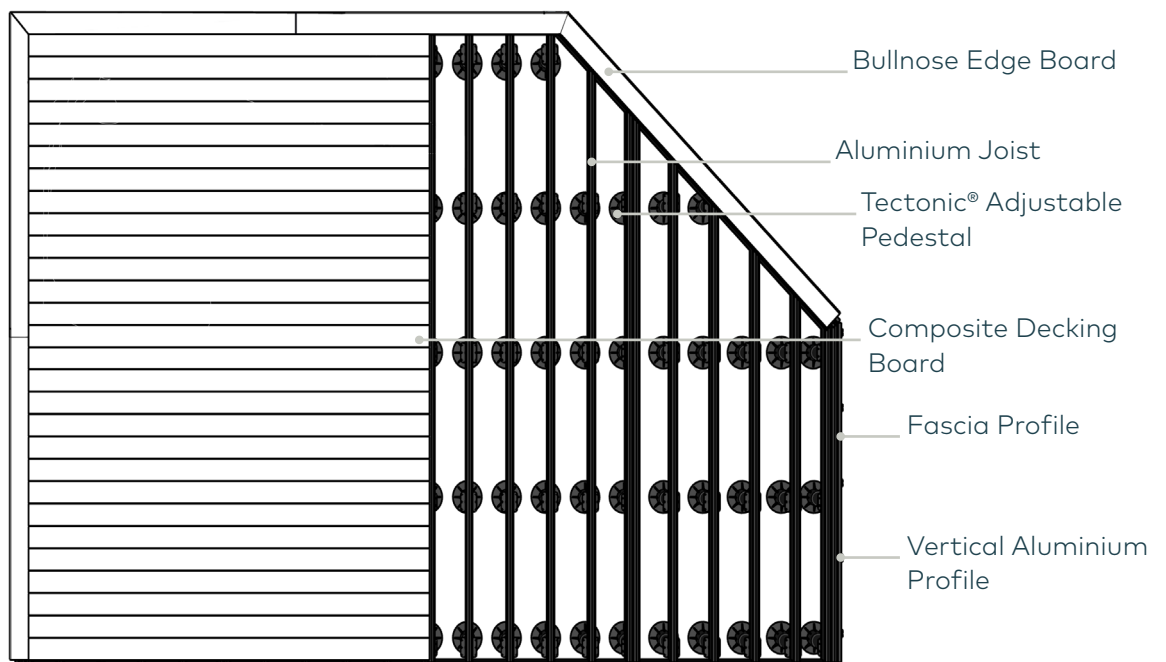
The edges of the deck boards can be finished with a matching corner trim for both Natura™ grooved & Luxura™ woodgrain boards. See options on our website.

Corner trims can be screwed directly into deck board. It is advised that before doing so, an oversized pilot hole is drilled into the trim to ensure that it does not split or crack when screwed. When joining one trim to another, a minimum gap of 6mm should be left between trim ends allowing for expansion.

In contrast to directly fixing the corner trims down, we advise using a strong adhesive glue which will leave a clean finish to your composite decking area. This will leave your decking area with a more aesthetically pleasing finish.



Finished Decking Installation - System Overview



Steps & Stairs Installation



Installation Guide - Steps & Stairs

Before you start

Steps must be at least 2 boards deep or with bullnose, and set at a maximum of 190mm high per step rise (220mm in private installations)

Installing Deck Steps & Stairs

- Plan your step area, taking into account the decking board and riser width, when designing the tread and rise dimensions
- Ensure that the boards are supported at the appropriate joist centres

How to tell us about problems. If you have any questions or queries about the goods, please contact us. You can telephone our customer service team at **(0)208 159 2999** or write to us at **sales@ovaeda.com**

Spacing & Supports

The range of composite decking you use will determine the joist centres used for the project. Ensure widths between joist centres are no greater than below table:

Range	Max. Support Span (Centre-to-Centre)
Grooved	400mm
Natura™	400mm
NaturaPlus™	400mm
Luxura™	400mm

Installation Guide - Steps & Stairs

Creating The Subframe

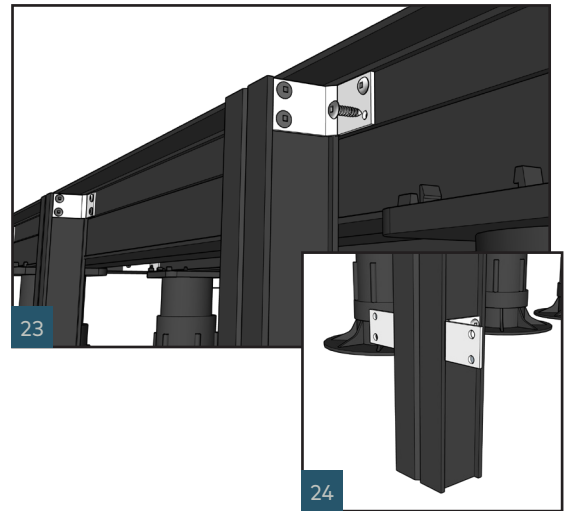
Using the Tectonic® aluminium subframe system, steps and stairs can be created with ease. The aluminium joists are an extremely strong and very long-lasting alternative to timber joists. Joists are available in both 'mill finish' and 'powder coated' finishes, ranging from 22 - 72mm height, these high-performance joists can be used for installing all types of OVAEDA® composite decking boards.

1. Installing The First Level

Begin by attaching a fascia profile to the edge of the upper subframe. Directly fix using 13mm screws, we recommend pre-drilling screw holes to make inserting the screws easier. (fig.23) Repeat this process every 400-500mm.

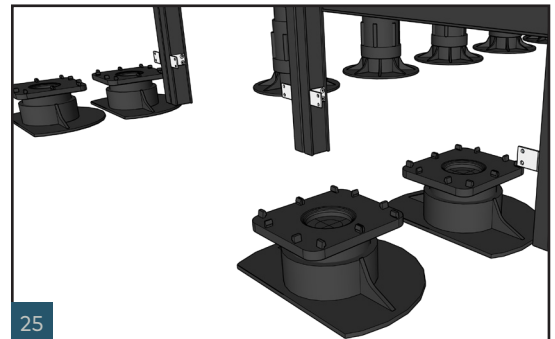
For a 150mm step, cut an 38mm aluminium joist to the required max height of the steps and attach fascia connectors using 13mm screws. (fig.23)

With the same profile that has been cut, mark 30mm from the bottom and attach fascia connectors using 13mm screws. (fig.24) Attach the new vertical joist to the fascia profile using 13mm screws. Repeat this process every 300-500mm.

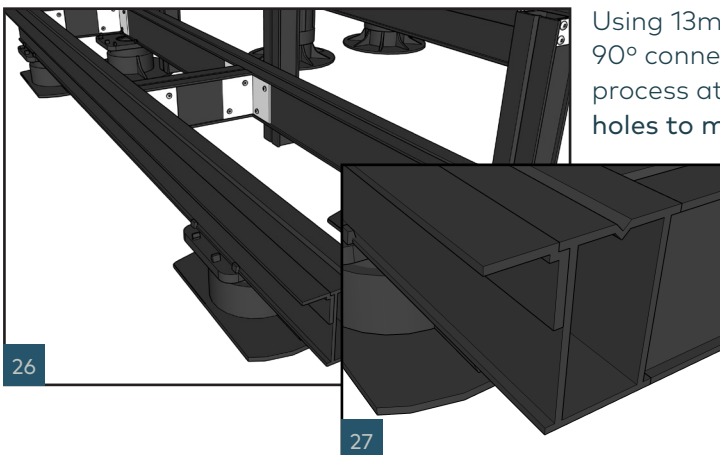


2. Setting Out The Lower Level

Begin by setting out your adjustable pedestals at a maximum of 1200mm (depending on the strength of the joist). Attach the lower subframe to the pedestals and click into place. Ensure a gap of 170mm between levels for fascia board and make sure that the lower step subframe is completely level. (Adjust the pedestals if any correction is needed)



3. Fixing The Steps Together



Using 13mm screws, fix the aluminium joists together using 90° connectors, creating a solid frame. (fig.26) Repeat this process at every corner. We recommend pre-drilling screw holes to make inserting the screws easier.

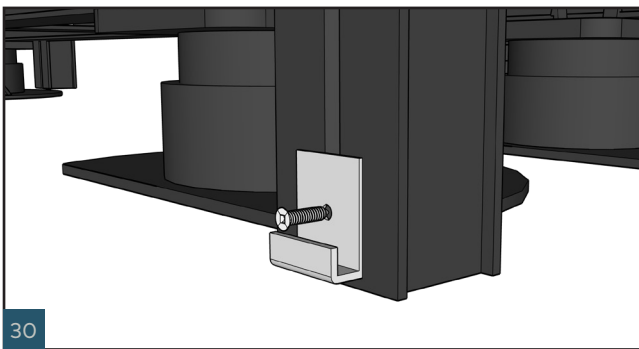
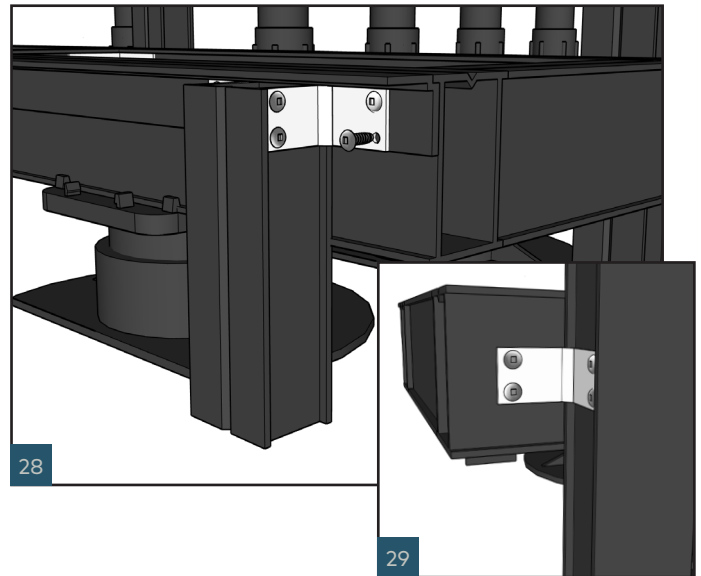
You may then attach the fascia profile to the front edge of the lower step frame (fig.27) We recommend pre-drilling screw holes to make inserting the screws easier.

Installation Guide - Steps & Stairs

4. Preparing For The Lower Fascia Profile

Begin by cutting 38mm aluminium joists to match the height of the decking board. Set your first vertical profile 100mm away from the edge and attach to the fascia profile using 13mm screws. (fig.28) We recommend pre-drilling screw holes to make fixing easier. Repeat this process every 400-500mm.

Once the lower step is fixed you can now attach the lower step to the vertical joists with the fascia connector located at the back. (fig.29)

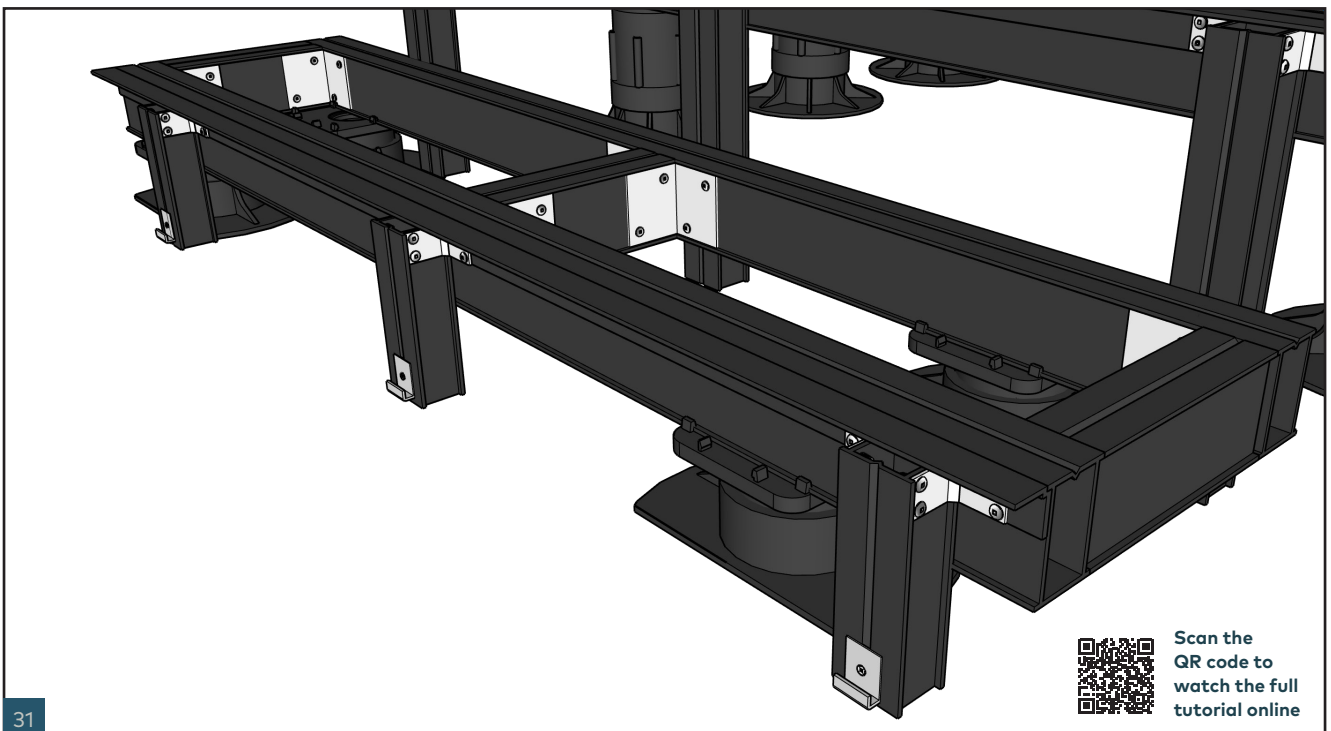


4.1 Preparing For The Fascia Profile

At the base of each of the lower step vertical joists, attach a starter/end clip using 13mm screws. This will rest in preparation for the fascia board to rest on top of. Repeat this process at each vertical joist.

You are then ready to insert your fascia boards.

Finished System Installation - Overview



Scan the QR code to watch the full tutorial online

Installation Guide - Steps & Stairs

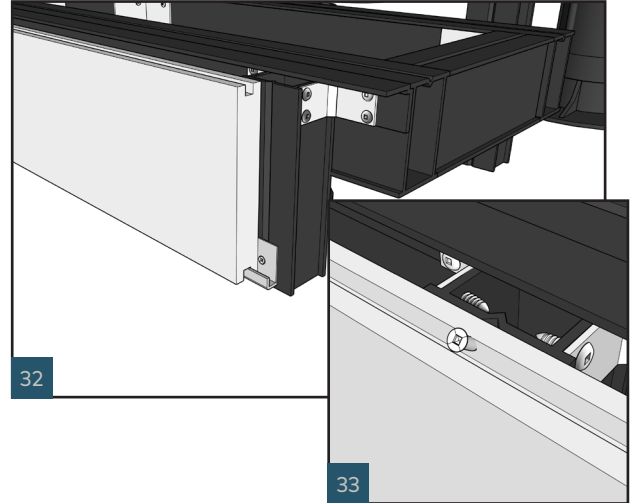
Installing Composite Decking onto Steps

1. Installing The First Board

Begin by inserting the fascia board along the front edge of the vertical profile, allowing the board to rest on top of the starter/end clips. (fig.32)

At a 15° angle, directly fix 30mm screws to secure the fascia board to the vertical joist. Ensure the screws are fixed through the centres of the vertical joists. (fig.33)

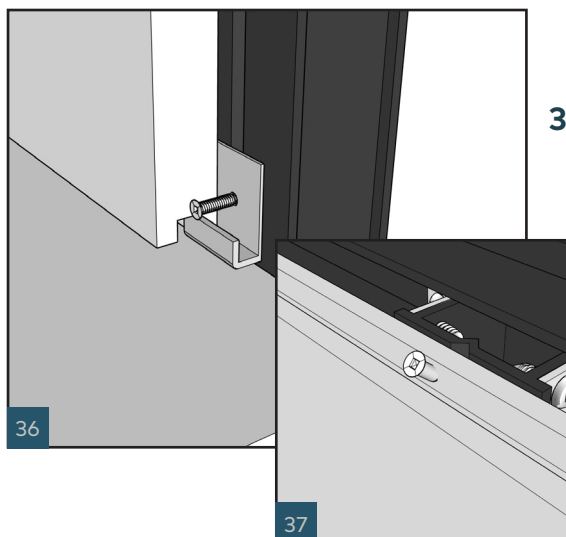
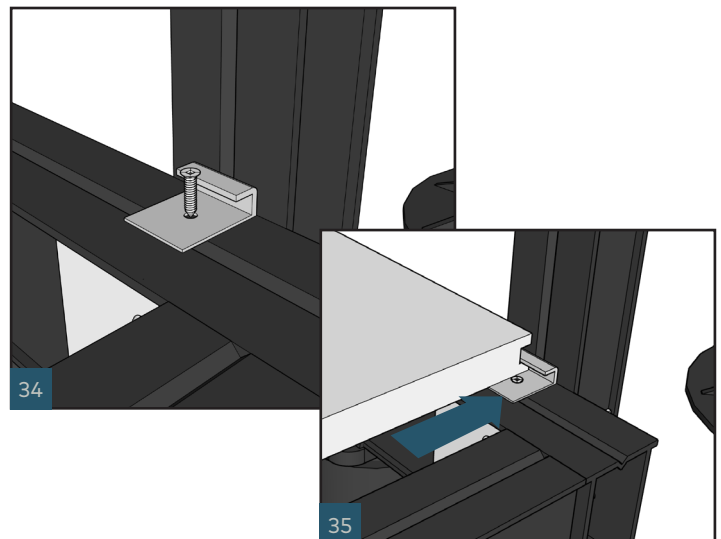
Repeat this process at each vertical joist.



2. Inserting The Next Board

At the back of the step, place a starter/end clip at the base of each vertical joist and using 19mm screws. Ensure they are running parallel with the vertical joists attached to the upper step. (fig.34) Repeat this process at each vertical joist.

Slide the composite decking board into the starter/end clips. (fig.35)



3. Installing The Upper Level Fascia Board

Begin by resting starter/end clips on top of the horizontal decking board, then using 19mm screws directly fix the clips into the vertical joist. (fig.36) Repeat this process at each vertical joist.

Slide the composite decking board over the starter/end clips.

At a 15° angle, pre-drill screw holes in preparation for the screws to be inserted. Using 30mm screws, fix the composite decking board into place. (fig.37) Repeat this process at each vertical joist.

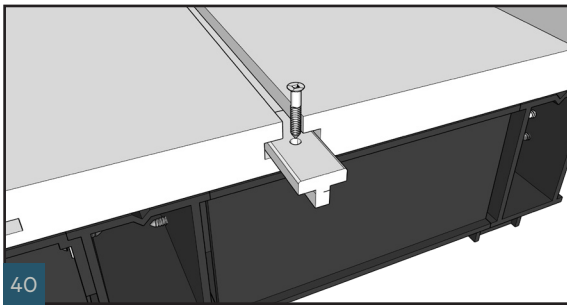
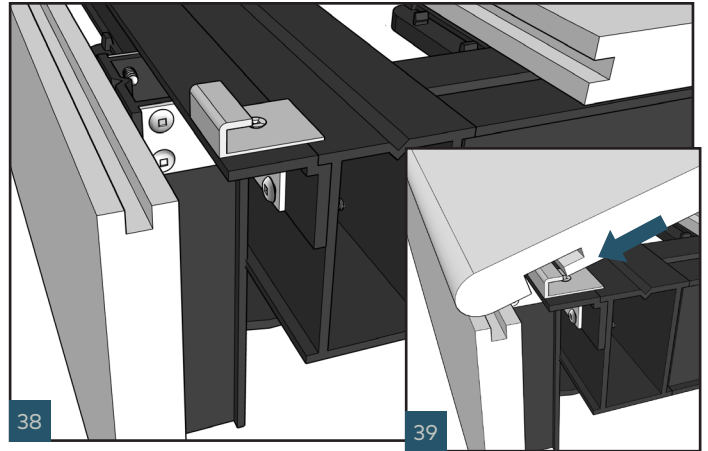
Installation Guide - Steps & Stairs

4. Installing The Bullnose Edge Board

Secure a starter/end clip using a 19mm screw along the front edge of the fascia profile in preparation of the bullnose edge board. (fig.38) Repeat this process every 300-500mm.

You are then able to insert the bullnose edge board. (fig.39)

Through the gaps separating the boards, slide in a T-Clip over each horizontal joist in preparation for fixing down. (fig.40) Using 30mm screws, fix down the boards and ensure the entire lower step is securely fastened.



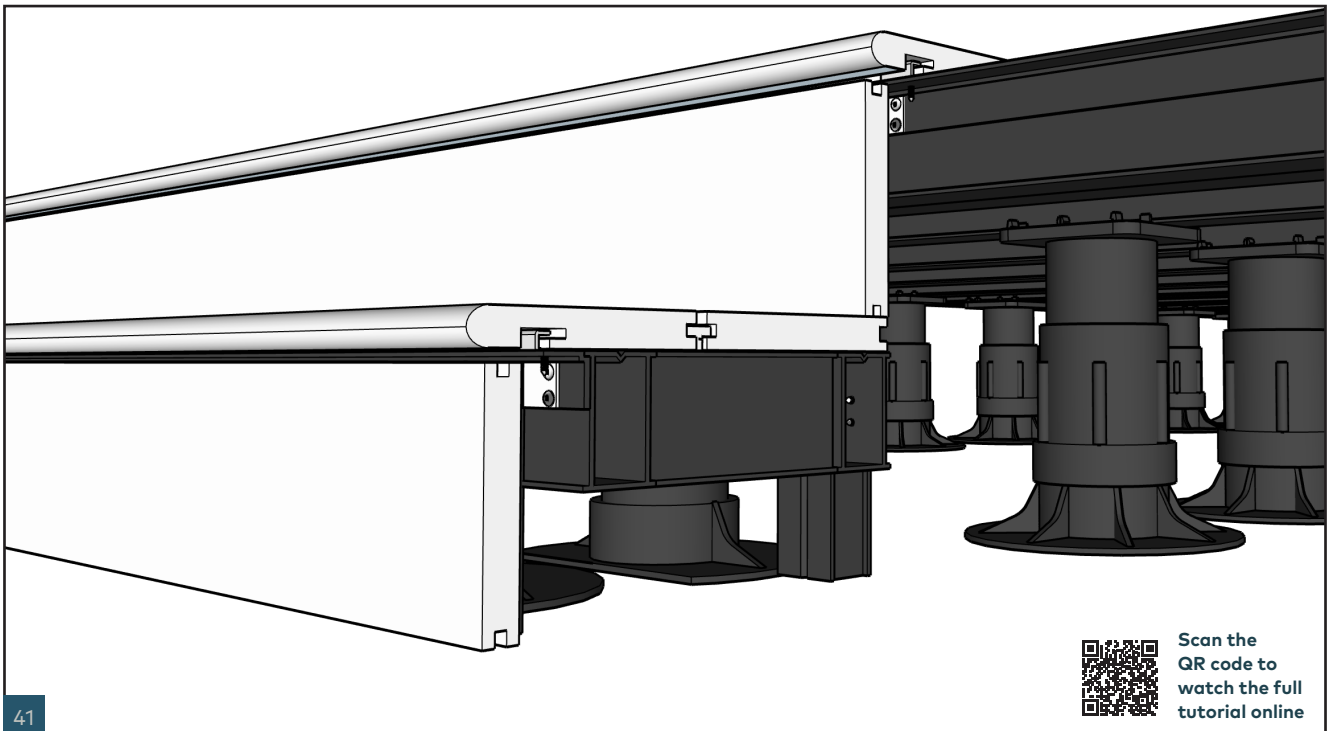
5. Installing The Bullnose Edge Board - Top Step

Along the front edge of the top step, secure starter/end clips every 300-500mm using 19mm screws. Then insert the bullnose edge board - but do not fully fix down.

Set t-clips along each vertical joist and partially fix down allowing space for the next row of boards to be inserted.

Repeat this process for the remaining decking area.

Finished Decking Installation - System Overview



Scan the QR code to watch the full tutorial online

A high-angle photograph of a construction site. In the foreground, several large, square, grey paving stones are laid out in a grid pattern. The stones are separated by thin, dark expansion joints. To the left and slightly behind the paving stones, a metal support structure consisting of parallel aluminum or steel beams is visible. The ground beneath the beams is a mix of brown soil and small rocks. The lighting is bright, casting soft shadows from the beams and stones. The overall scene depicts the installation of a paved surface on a prepared substructure.

Paving Support & Substructure Installation

Installation Guide - Substructure Support



The Tectonic® Aluminium Paving Subframe provides a completely rigid platform for porcelain paving slabs.

To be able to install the paving, we would recommend using the Tectonic® Aluminium Paving Support System which provides a completely rigid platform for paving slabs. The super-strong aluminium joists overlap to create a lattice framework which gives the maximum possible level of support. This high-quality system can provide many design possibilities, allowing more creative paving finishes – the only limit is your imagination. The system is perfect for terraces, podiums, roof decks, balconies and of course gardens and allows for rapid drainage.



Porcelain Paving

Perfect for all calibrated paving types, including natural stone, concrete and porcelain.

- Allows many different layout formats, including: random-length, mixed width, stack bond, stretcher bond and plank paving
- Additional top rails can be introduced to provide additional support for thinner or weaker paving

Top rail

The 27mm top supporting rail supports the lengths of slabs/tiles.

- Can be laid at any centre interval in order to cater for varied paving course widths
- Features integrated EPDM gasket for effective shock-absorption
- Side flanges for robust fixing into primary rail

Lower Joist

Primary rail allows the whole system to be bound together into a lattice format.

- Provides a totally stable platform for top rail and paving
- Available in multiple depths to suit various height build-up

Support Pedestals

Tectonic® pedestals are used to support the joist, ensuring ultimate strength.

- Innovative 'clip-on' head design allows for easy and rapid installation, easily accommodating sloping areas of up to 10.5%
- Wide base evenly spreads load, protecting membranes
- Threaded section allows millimetre perfect adjustment

Key Span/Spacing Information

Pedestal spacing/primary rail span: RS25 - 600mm, RS60 - 1200mm

Primary rail joist centres/top rail span - 600mm

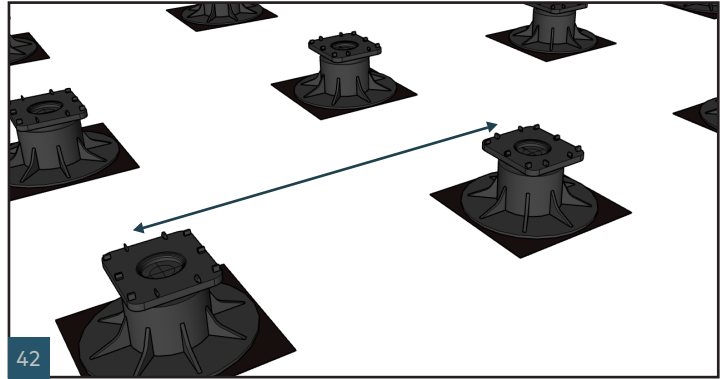
Top rail spacing/centres - determined by paving course widths

Installation Guide - Paving Subframe System

Installing Porcelain Paving Onto An Aluminium Subframe

1. Laying Out Your Pedestals

Begin by setting out your pedestals and rubber pads at 600mm centres if using 60x120mm tiles. (fig.42) We recommend setting Tectonic® rubber pads underneath every pedestal to protect roofing membranes.

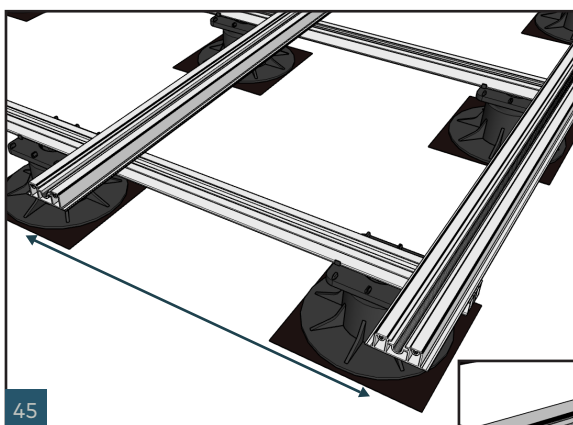
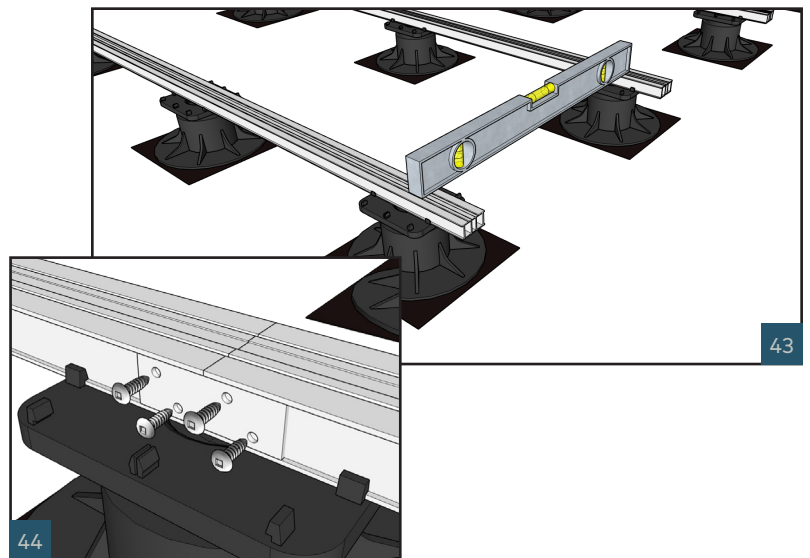


2. Place Rails Onto Pedestals

Place primary rails onto pedestals (spaced at 600mm for 25mm bottom rails or 1200mm for 60mm bottom rail) and level in all directions - rails will simply click into place.

Ensure all rails have been 'clicked' into the pedestals and are level both lengthwise and with the other rails. (fig.43)

If you need to connect lower rails, do so over a pedestal for extra support and connect using Tectonic® 25mm Lower Rail Straight Connector and Tectonic® 13mm aluminium subframe screws (fig.44)



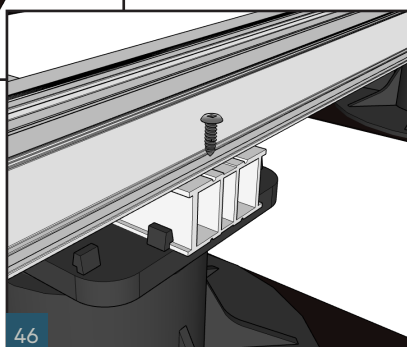
3. Adding The Top Rails

Once all lower rails are in place and correctly levelled out, you can begin placing the 27mm Top Rails that will run along each Bottom Rail (fig.45)

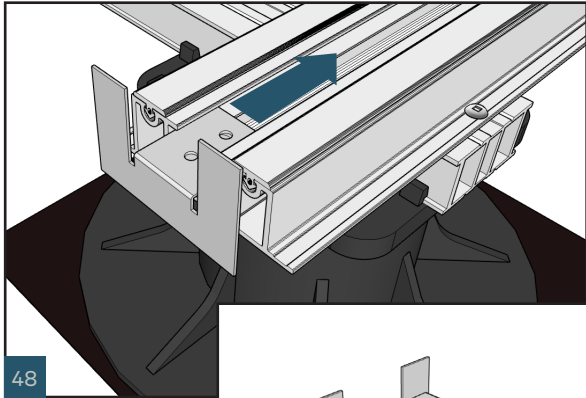
To fix the top rail to the bottom rail, directly screw 13mm screws through the centres of the lower rail (fig.47) Repeat this process at every interval where the two joists overlap.

3.1 Adding The Top Rails

Where two top rails need joined together to create a rigid support, directly fix two 13mm screws through the top rail and into the channels of the lower rail. (fig.47)



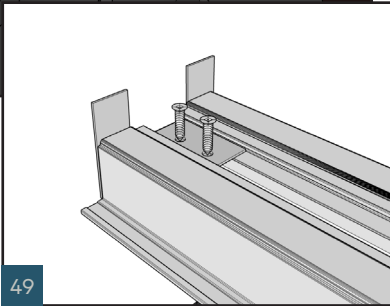
Installation Guide - Paving Subframe System



3. Fixing The Paving End Stops

Once all top rails are in place and correctly fixed into place, you can begin inserting the Paving End Stops as the end of each 27mm Top rail. (fig.48) Repeat this process at the end of each top rail where it meets a wall or the area finishes.

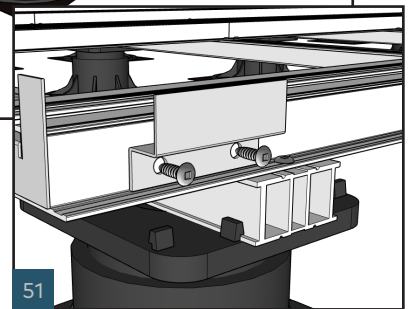
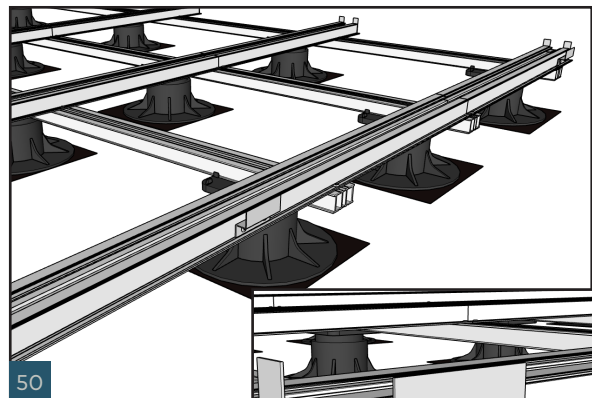
To fix the paving end stops into place, you must use 19mm screws to fix directly through to the top rails (fig.49) Repeat this process for each paving end stop.



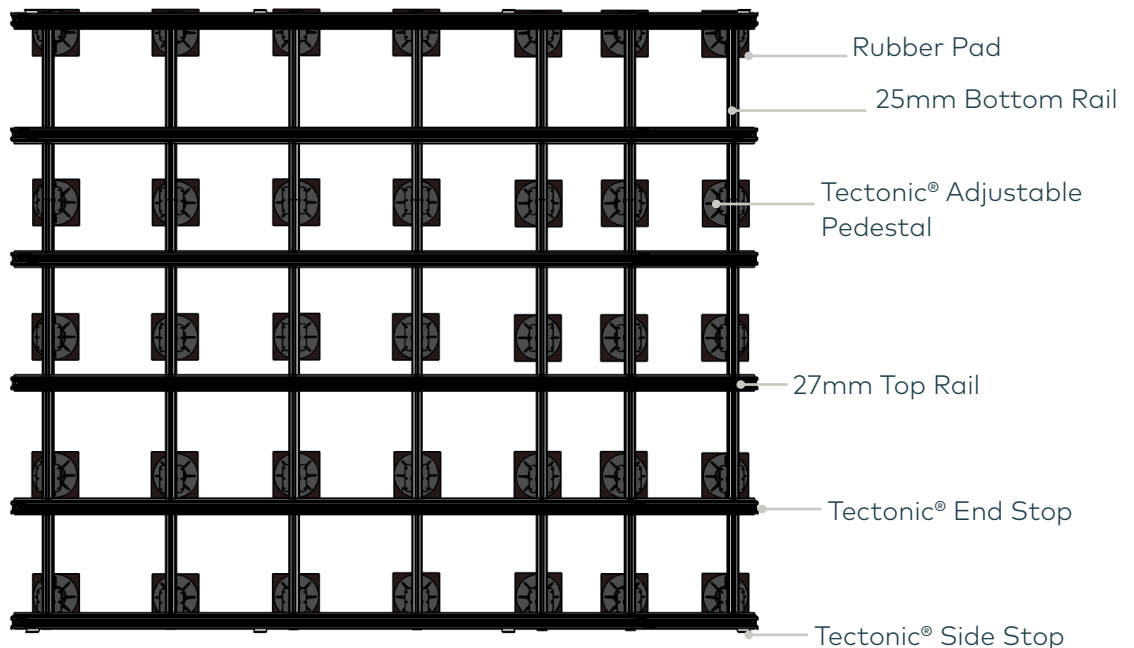
3. Fixing The Paving Side Stops

Paving end stops should be set where every gap will be between the paving tiles and at each corner. The paving side stops should be fixed directly to the top rail using 13mm aluminium subframe screws. (fig.48) Repeat this process where to the area finishes or meets a wall.

To fix the paving side stops into place, use 13mm screws to fix directly through to the sides of the top rails (fig.49) Repeat this process where the edges of paving tiles meet. (Typically every 600mm)



Finished Aluminium Paving Subframe Installation - System Overview



52

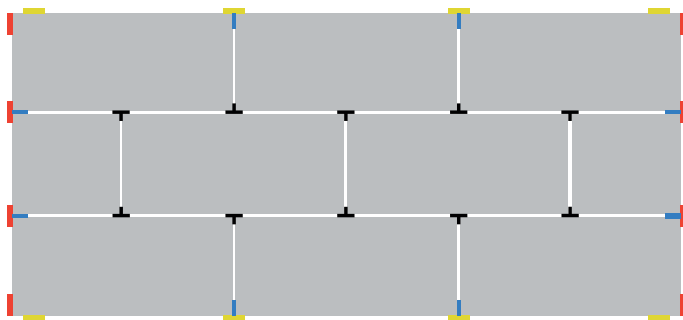
Installation Guide - Substructure Support

Installing Porcelain Paving Onto An Aluminium Subframe

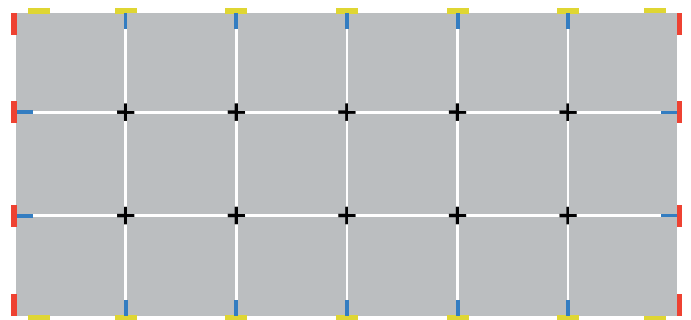
General Install Notes

- Straight Spacers are used along edges of areas (shown in blue)
- T-Spacers & Cross Spacers are used inside all areas (shown in black)
- Paving side stops should be used at all paving joints on sides of paving (shown in yellow)
- Paving end stops should be used at all paving joints at end of paving courses (shown in orange)

System Overview for 60x120mm tiles

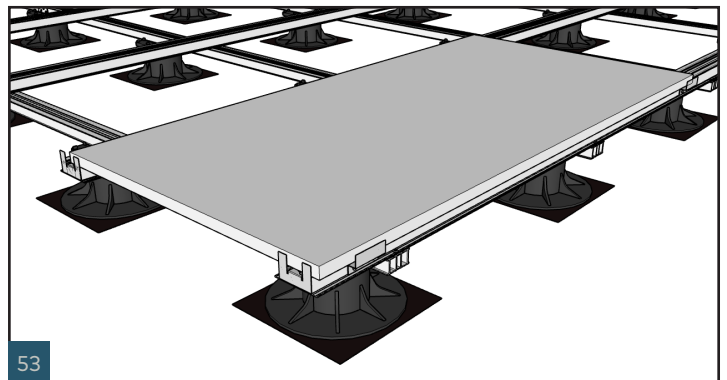


System Overview for 60x60mm tiles



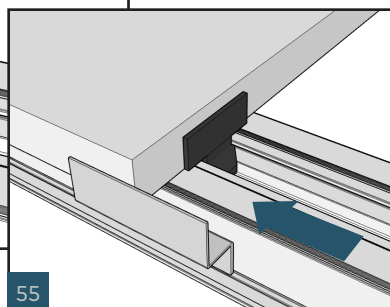
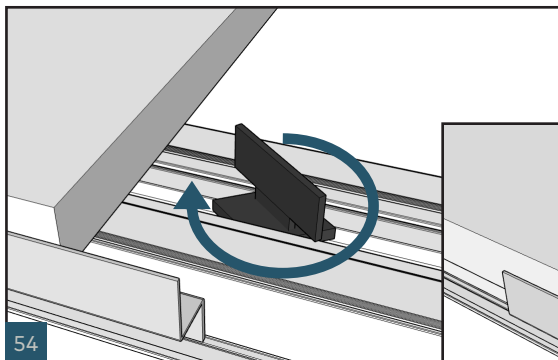
1. Laying The First Paving Tile

Lay the first course of paving over the top rails. Ensure that the paving is sat firmly up against the paving end and side stops before continuing. (fig.53) Repeat this process when laying each paving tile.



2. Inserting Spacer Tabs

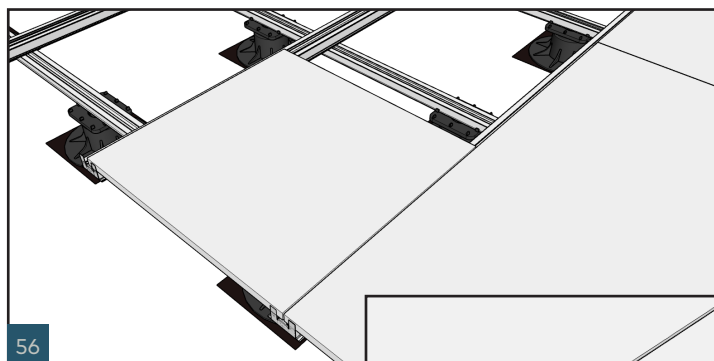
When it comes to inserting the spacer tabs, begin by inserting the first straight spacer slightly further away from the tile and follow the following figures as instructed. (fig.53)



2.1. Inserting Spacer Tabs

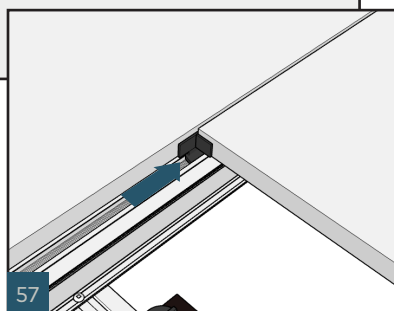
Insert the spacer tab into the gap into the top rail. Twist the spacer tab until fixed into position. You are then able to slide the spacer into place, ensuring it sits firmly up against the side of the paving tile (fig.53)

Installation Guide - Substructure Support



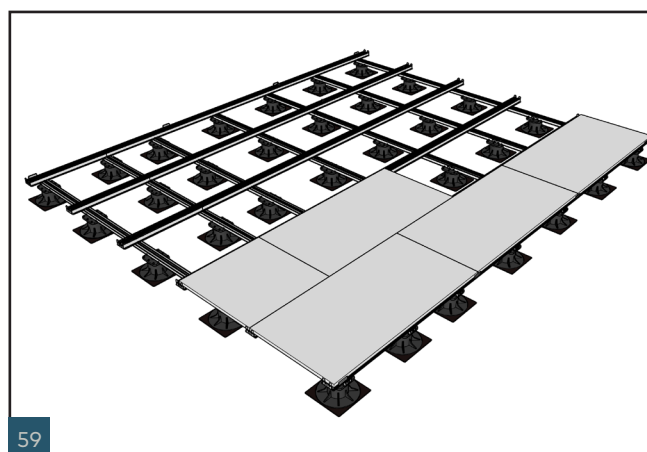
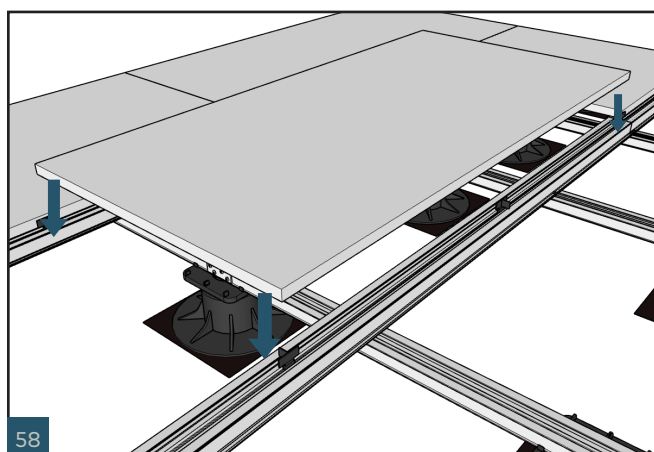
3. Staggering The Paving Tiles

To create the staggered effect for the paving area, cut a full sized tile in half and set it at the edge of the paving area. (fig.53) Ensure that the paving tiles are set firmly up against the paving end stops & spacers.

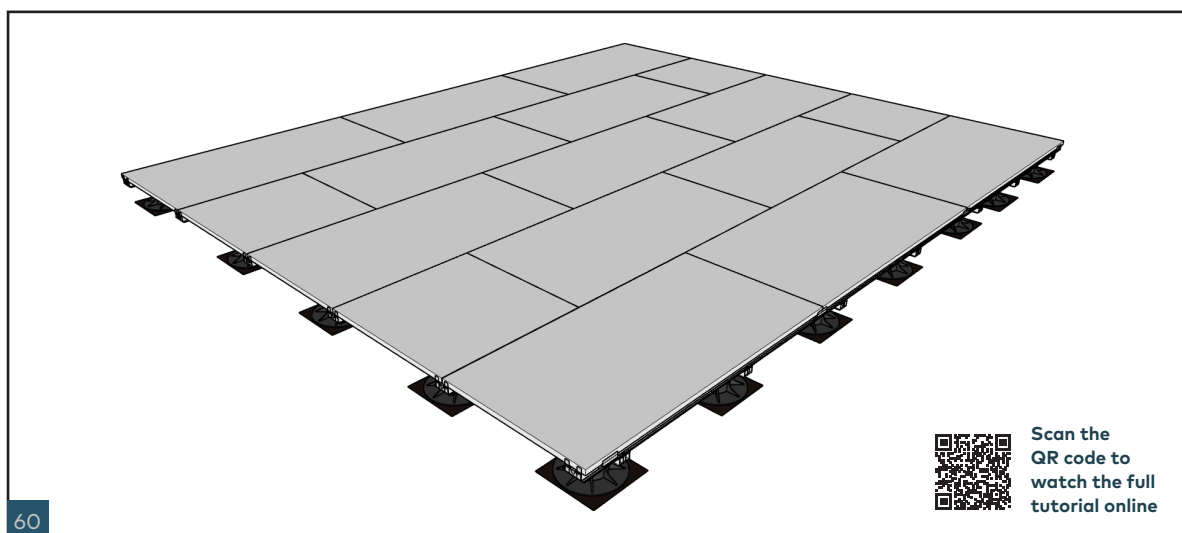


4. Repeating Until Completion

Repeat the process of installing paving tiles and inserting the spacer tabs.



Finished Porcelain Paving Installation - System Overview



Scan the QR code to watch the full tutorial online



Cleaning & Maintenance

Maintenance Guide - Composite Decking

Routine Cleaning



Having clean decking doesn't have to be a chore. Just once or twice a year to clear away any dirt, mud and soil that can accumulate and sit on your boards over the course of time. Start by using a soft bristled brush and then apply warm soapy water to the surface of the boards when cleaning.

For a deeper clean - You can opt for using a jet wash with no greater than 1500 PSI to clear surface debris from your deck. Use a fan tip nozzle and spray in the direction of the grain of the boards (min. 6 inches from surface) along with the proper cleaning product. Following these tips will ensure you preserve the long-term finish of the board.

Regardless of which cleaning option you choose, be sure to clean along the length of the boards to avoid accumulation of material that can interfere with drainage.

Cleaning in winter



We recommend snow is removed as quickly as possible. Try to avoid using a metal shovel, rakes, hoes and ice chippers and any other sharp objects to clear snow or ice off your deck. These will drag across the surface and damage it. Instead, use a hard-bristled brush to push the snow off and wash with warm water.

Using a salt-free, non-corrosive ice melt which is designed not to leave any residue on the surface of the boards and is generally more effective than salt-based alternatives. This can be laid either prior to a forecast frost or to areas where ice has already formed.

While rock salt can be used on our composite decking, we advise that this is cleared away shortly after it has been applied to ensure that it does not damage or scratch the surface of the boards.

Spot Stains



For stubborn stains, such as oil and grease marks, we recommend that you use similar techniques outlined in the Routine Cleaning section as well as the advice below:

Treat the affected area within the first 7-days.

Water-based composite decking cleaners can be used which is designed specifically to remove oil from the surface of composite deck boards.

If treating any of our grooved ranges, it is possible to lightly sand the surface of the stained area. This will remove the surface layer of the board and lift the stain. You will notice that the surface of the deck board will appear a lighter tone compared to the rest of the boards initially, but this difference will match the remaining product, depending on location and specific application

Please note that the protective shell technology on our capped Woodgrain boards mean that they are highly stain-resistant and must not be sanded under any circumstances.

Water Staining



OVAEDA woodgrain decking is fully encapsulated in a durable outer shell which is entirely resistant to moisture and prevents the growth of mould and algae. It is also highly stain resistant, making it the ultimate choice for a space used for socialising with friends and family.

Use warm soapy water to thoroughly clean the affected boards.

Again, you may wish to use a jet wash on the affected area to assist with the removal of surface residue.

A photograph of a wet, grey stone patio. The patio is composed of large, rectangular tiles with a natural stone pattern. The surface is highly reflective, showing clear reflections of the surrounding environment, including a black lamp post and a wooden fence. In the background, there is a concrete wall with a wooden lattice top, a black lamp post, and a grey trash bin. A metal drainage grate is visible in the bottom right corner. The text "Cleaning & Maintenance" is centered over the middle of the image in a white, sans-serif font.

Cleaning & Maintenance

Maintenance Guide - Porcelain Paving

Routine Cleaning



Cleaning porcelain paving is not a difficult task thankfully. It is not something you will have to do often, and no maintenance will not damage the tile, it just won't look as good obviously!

General cleaning, once or twice a year to clear away any dirt, mud and soil that can accumulate and sit on the surface over the course of time. Start by using a soft bristled brush and then apply warm soapy water to the surface of the boards when cleaning.

For a deeper clean - You can opt for using a jet wash with no greater than 1500 PSI to clear surface debris from your paving.

Cleaning in winter



We recommend snow is removed as quickly as possible. Try to avoid using a metal shovel, rakes, hoes and ice chippers and any other sharp objects to clear snow or ice off your deck. These will drag across the surface and damage it. Instead, use a hard-bristled brush to push the snow off and wash with warm water.

Both salt and vinegar solutions are not recommended for concrete and natural stone paving, as they attack and weaken the stone/concrete. Sand is a better option, but it will have limited de-icing properties and will instead provide slightly more grip.

For de-icing specifically, you can use a urea based product that is non-salt and non-corrosive. It is usually pet friendly, but only effective down to about -5/6 degrees.

Possible Staining



For stubborn stains, such as bird excrement and possibly grease marks, we recommend that you use similar techniques outlined in the 'Routine Cleaning' section as well as the advice below:

Treat the affected area within the first 7-days.

Water-based cleaners can be used which is designed specifically to remove problems such as these from the surface of porcelain paving tiles.

Porcelain paving has many benefits and it being stain resistant is certainly one of them that stands out. This, making it the ultimate choice for a space used for socialising with friends and family.

If an area has been left untreated and some animal excrement has gone unnoticed, you may use warm soapy water to thoroughly clean any affected areas. If that does fail, you may wish to use a jet wash on the affected area to assist with the removal of surface residue.



For additional help answering questions, please visit our website or get in touch with our helpful team.

sales@oveada.com | 0208 159 2999 | ovaeda.com