

COMPOSITE BALUSTRADE INSTALLATION MANUAL CARE AND MAINTENANCE

Congratulations on the purchase of your Teckwood composite balustrade. To ensure that you keep your low maintenance balustrade looking at its best we recommend that you follow a few easy guidelines.

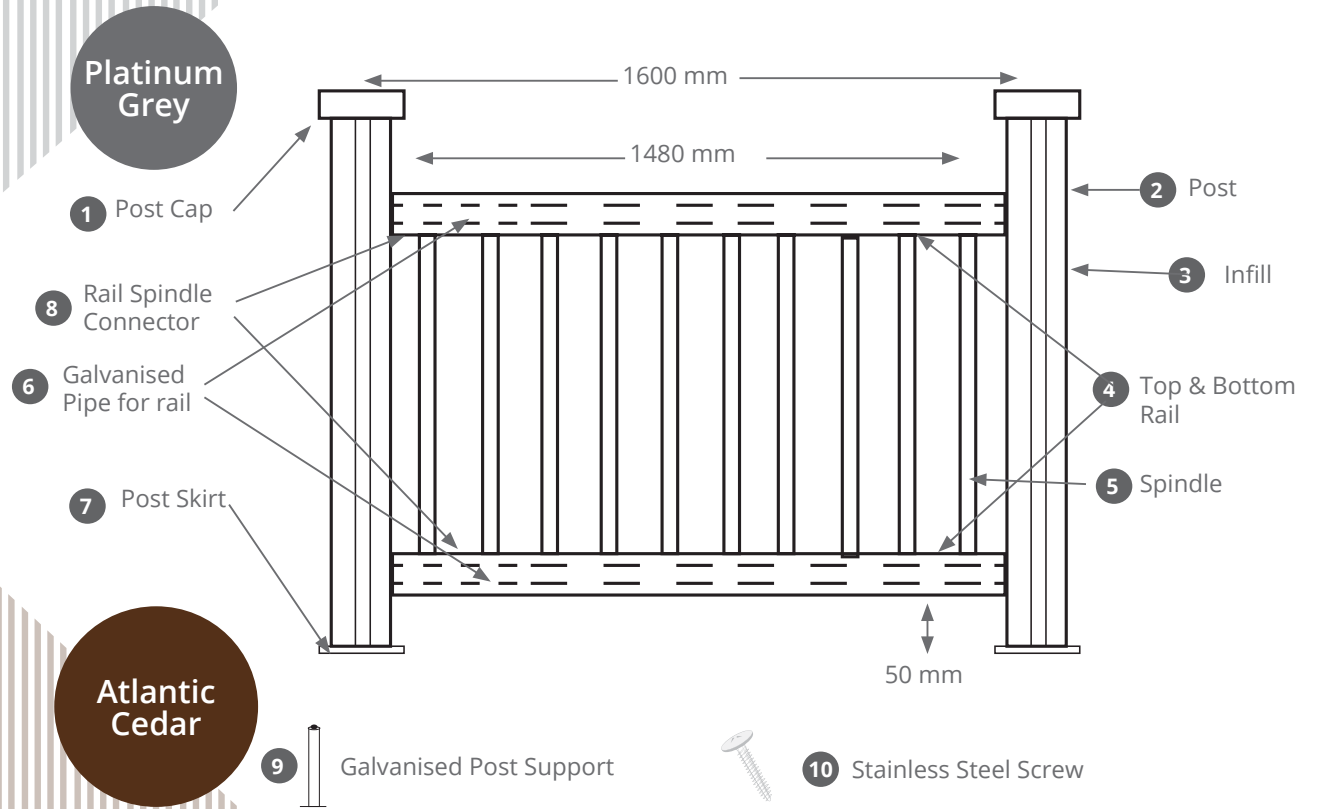
For periodic cleaning use a soft bristle brush and a dilution of mild soap and warm water. For those using a powder washer we recommend that you stand at least one metre way from the area you are to clean. Spray in the direction of the grain to avoid damaging the decking. Always follow the safety precautions when operating a power washer.

For those harder to clean areas or where the balustrade may have been damaged we recommend using a 400 grit sandpaper. Lightly sand the balustrade in the same direction as the grain. Rinse thoroughly with water after sanding.

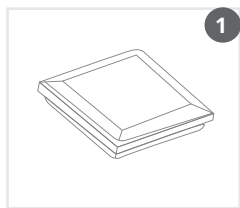
These guidelines may not cover every maintenance scenario. If you have additional questions please contact our friendly service team on 0800 799 9082.

All supporting structures must be in accordance with applicable building codes if in doubt please consult your local authority, ensure compliance prior to installation. Local building code requirements will always supersede any and all suggested procedures and measurements in the following installation. The following installation instructions are intended as a general guideline based on common building practices used in balustrade installations.

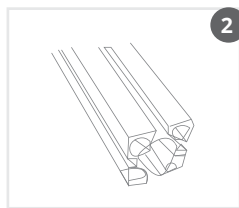
Teckwood's balustrade is not intended for use as columns, support posts, beams, joist stringers, or other primary load bearing members.



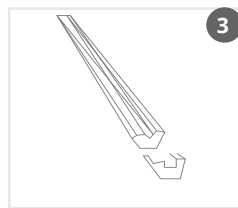
BALUSTRADE COMPONENTS



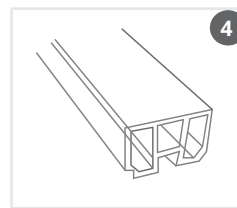
120 X 120mm
Post Cap



120 X 120mm
Post



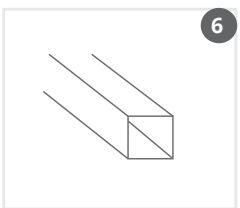
31 X 21mm
Post Infill



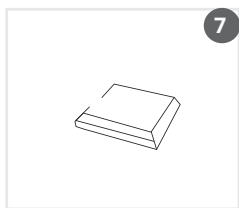
100 x 66 x 1480mm
Top+Bottom Rail



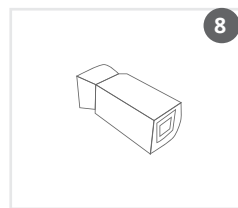
60 x 44mm
Spindle



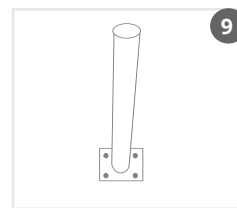
35 x 35 x 1320mm
Top+Bottom Rail
Steel insert



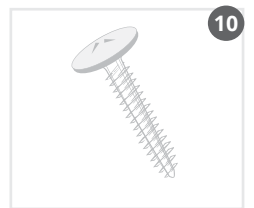
120mm x 120mm
Post Skirt



80 x 30mm
Skirt Rail Spindle
Connector



58 x 58 x 500mm
Galvanised Post
Support

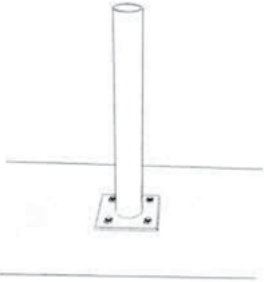


4 x 35mm Stainless
Steel Screw



The next step is to choose your method of installation of your Teckwood composite balustrade. You have two installation options.

1. Surface mounted on top your Teckwood composite decking after the decking has been installed using steel posts. These are placed directly on top of your decking board and fixed directly through to the subframe.
2. Through post system, this is where the posts are installed as part of the subframe (please note Teckwood' balustrade is not intended for use as columns, support posts, beams, joist stringers, or other primary load bearing members). The post are built directly into the subframe and secured by using coach bolts in a couple of directions. A double beam construction provides the best composite post housing.

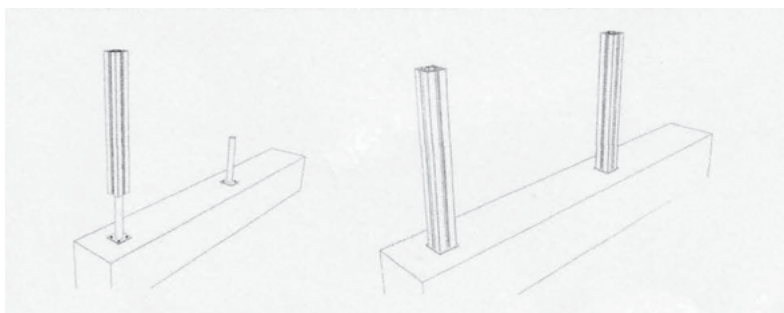
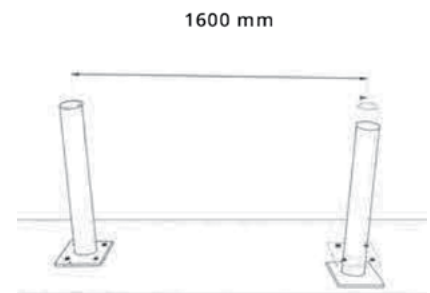


STEP 1

Position the post steel inserts (9) in place ensuring that they are straight vertically and that the maximum distance between post centres is no more than 1600mm. mark the hole positions and drill holes to the appropriate size for your fixing bolts.

STEP 2

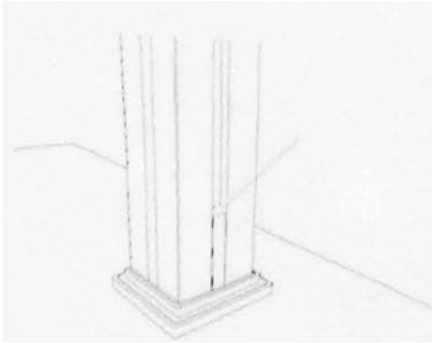
Position the post steel inserts (9) in place ensuring that they are straight vertically and that the maximum distance between post centres is no more than 1600mm. mark the hole positions and drill holes to the appropriate size for your fixing bolts.



STEP 3

Cut the composite posts (2) to the required length and slide over post steel inserts again check that



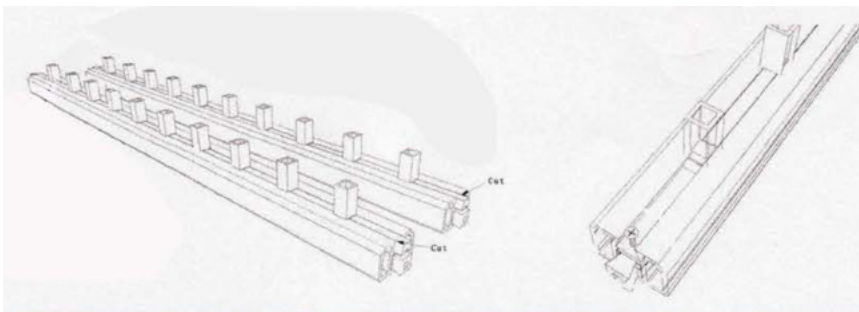
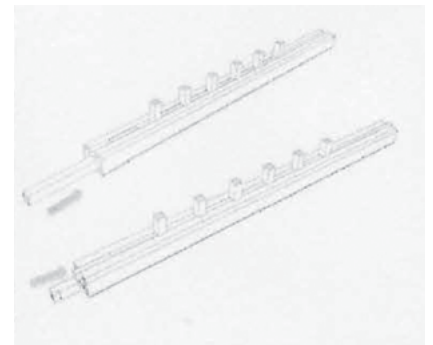


STEP 4

Position the post steel inserts (9) in place ensuring that they are straight vertically and that the maximum distance between post centres is no more than 1600mm. mark the hole positions and drill holes to the appropriate size for your fixing bolts.

STEP 5

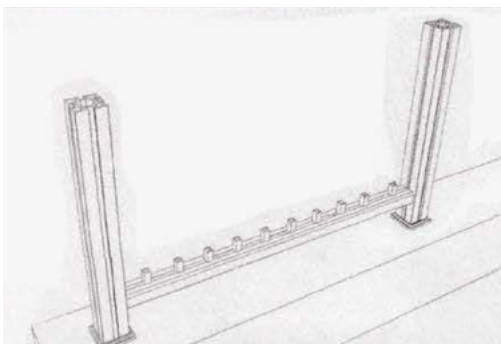
Insert the steel reinforcement (7) into the bottom handrail (6). Insert the rail connectors (11) to each end of the rail,



STEP 6

Slide in the first infill (3) piece at 90mm long into the bottom rail (6). Then add a rail connector (11) and repeat until the rail is complete. The first and last

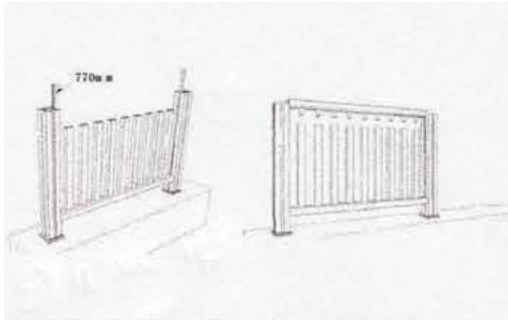
dimension may change depending on the distance between composite posts (2). Before inserting the last infill (3) piece at the end of each rail, secure the rail connector (11) is securely fastened to the bottom rail (6). This is done by drilling a pilot hole 30mm in from the end and in the centre of the channel. Ensure that the rail connector (11) is correctly in place before screwing in place. The pilot hole should not be bigger than the screw, For a standard length of 1486mm you would need 0 spindles.



STEP 7

Once prepared slide the bottom rail (6) into the channels on the post (2) using the rail connectors (11) until it sits securely on the infill 50mm from the finished floor level.



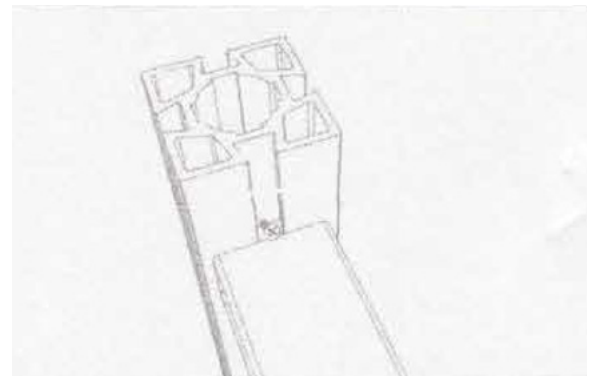


STEP 8

Position the 11 spindles (5) over the rail connectors (11). Prepare the top rail (4) in the same way you prepared the bottom rail but do not add the steel reinforcement (5). Slide a piece of infill (3) into each side of the post (2) where the rails fit. This needs to be cut to a standard length of 770mm. Slide the prepared top rail (4) into position taking care to ensure the connectors (11) fit within the spindles (5).

STEP 9

After pre drilling a hole in the post (2) use a screw sitting directly on top of the rail connector (11) to hold the top rail (4) in position and to add stability to the whole system.



STEP 10

Slide a 96mm piece of infill (11) into the post (2). Repeat the process on the other post (2).

STEP 11

Once prepared slide the bottom rail (6) into the channels on the post (2) using the rail connectors (11) until it sits securely on the infill 50mm from the finished floor level.

