

Balustrade kits

In each balustrade kit you get,

1x Handrail

1x Baserail

9x Spindles

2x Handrail brackets

2x Baserail brackets

18x Spindle connectors

1.5m Aluminium reinforcing

Spindle connector template

Small additional spindle

First thing to do is fix the posts to your framework or concrete into the ground.

Do not set posts more than 1530mm apart, you can make the gaps smaller if you want to equal out your balustrades but not more than 1530mm.

Our posts are 2.4m, you can cut in half to make 2 posts at 1.2m.

We suggest you set your posts 1m in height from the top of your framework to the top of the post (before post cap is fitted) but you could set a little more if needed.

Use the remainder of the post (200mm) to fix to your framework, we suggest you place 50mm x 50mm timber inside the post leaving about 50mm from the top, this will help with securing the post to the framework.

Fix timbers around the post to fully secure to the framework.

Install decking and cut around posts leaving about a 2mm gap for expansion.

Measure between posts, then reduce measurement by about 7 mm, this allows for the thickness of the brackets.

Cut baserail and handrail to this measurement.

Cut aluminium reinforcing to same size and slide into baserail, making sure the open edge is at the top to allow fixing of spindle connectors.

Slide brackets on to each end, This may require a tap with a mallet or hammer with a small piece of timber as not to damage the bracket. Turn handrail over and place hand and baserail next to each other to set position of spindles.

Gaps between the spindles is up to you, but you get a maximum of 9 spindles per kit.

Use pencil to mark position of spindle on baserail and transfer marks to handrail.

Use spindle template to set spindle connectors, 1 connector is required for the top and 1 connector for the bottom of each spindle. (Alternate the sides)

Place spindle template on your pencil marks, insert connectors into template and fix to base and handrail using 25mm screws. Lift of template and spindle connectors are set in correct position.

Repeat for all spindles connectors on your hand and base rails.

Fix the baserail to the posts using the baserail brackets, the baserail brackets will keep the baserail above the decking. This is normal to allow water to run off the deck.

Measure the gap between the baserail and the decking and cut some of the 'additional spindle' and push under the baserail about the centre between the posts, this gives extra support under the baserail.

Push the spindles into the connectors on the baserail, then fit the handrail into the spindles.

We advise you use a small ratchet strap under the baserail then over the handrail to pull the handrail tight to the spindles.

Fix the handrail to the posts using the handrail brackets, then remove the ratchet straps.

Post Caps

Use silicon or another form of adhesive place a small amount around the inner square of the posts and place post cap on top of the post, the small square on the underneath of the cap fits inside the post.