

Measuring Guide: Pre-Assembled Post systems

Glossary:

Centre line:	The middle of your railings when viewed from above
Overall length:	The full length from one end to the other, including any ends or wall brackets
Posts to post centres:	The measurement from the centre of where your first post will be to the centre of the last post (or centre of a corner post if you have any corners).
Corner to corner:	The measurement from the centre of the first corner post position to the centre of the next corner post.

Before you start to measure...

Always have a good look around the site where you will fit your new rails. Check for any obstructions or potential problems – drain-pipes, drains, window-sills, cables and so on, which may cause problems when installing if not considered beforehand.

Check that the site is level in all directions. Shims can be used with posts if the difference is small, but if the slopes are bigger then the railing system you install needs to be carefully considered. It may be that a different system is more appropriate for your needs. Don't hesitate to call us if you are unsure about anything. (Details at the end of this information sheet.)

Tools you will need:

A long tape measure

Spirit level or laser level

Paper and pen or pencil

Chalk

If angles are involved you will also need an angle finder.



Tips:

- If you only have a short spirit level then use a straight edge below it, however if using a piece of wood as a straight edge, always make sure it is actually straight first. (If you put one end to your eye and look along it you can often see if it is straight or not.)
- **Always** double check your measurements to avoid any mistakes. It is your responsibility to provide the correct measurements. (*Liveconfigurator cannot be held responsible for incorrect information provided.*)
- It may help to chalk the centre line of your rails on the floor.

How to measure

It is very important to measure for your new balustrade or railings accurately. We supply systems to fit your measurements and our drawings rely on accurate measurements being supplied by yourself. There is a small amount of flexibility because you will need to cut your handrail to fit, but it is very important to be as accurate as possible.

We have two ways of measuring for LiveconfiguratorTM:

- 1 The overall measurement including ends or wall fixings
- 2 Centre to centre of the start and finish end posts

Both require you to measure along the **centre line** of the handrail. Please note that the overall length will always be longer than the post to post centres.

1 The first is the **overall length**. You need the centre line measurement from end to end of the total length of the handrail. This is especially useful if you are measuring between walls. We will make the allowances for whichever type of ends you use on the handrails including wall brackets, saving

you from working it out. The end posts will be set inside this length slightly depending on your choice of ends.

2 The second way is for you to decide the best place for the posts and measure from the **centre to centre** of the two end posts (or corner posts where applicable). We will add onto these sizes the allowance for whichever type of ends you select, so the actual length will be greater than the post centre to post centre length.

N.B. We recommend that the centre of the posts should be a **minimum** of **80mm*** away from any edges. This is to allow for the base plates and cover caps and to ensure that bolts will fix into something solid. Please check that this is appropriate for your particular installation as you may need to increase this. Your fixing bolts must fasten to something solid.

For Straight Layouts

For these you can measure as follows:

- 1 Overall start of handrail to overall end of handrail
- 2 Centre of start post to centre of end post*

For L shaped Layouts

- 1 Overall end of handrail to centre of corner post
- 2 Centre of corner post to overall end of handrail

OR

- 1 Centre of end post to centre of corner post*
- 2 Centre of corner post to centre of end post*

For Π and L shaped layouts

For these you can measure as follows:

- 1 Overall start of handrail to centre of 1st corner post
- 2 Centre of 1st corner post centre of 2nd corner post
- 3 Centre of 2nd corner post to overall end of handrail

OR

- 1 Centre of start post to centre of 1st corner post*
- 2 Centre of 1st corner post to centre of 2nd corner post
- 3 Centre of 2nd corner post to centre of end post*

*If you are using **scroll ends** on your handrail they measure as follows:

- 42.4mm dia. systems = 142.5 mm from the end of the scroll to the centre of the post.
- 48.3mm dia. systems = 145.5 mm from the end of the scroll to the centre of the post.
- Wall brackets and other end caps require 80mm from the end of the fitting to the centre of the post.

Quotes & Drawings

After you have added your measurements and followed the simple choices we offer, you will receive a quote by email. Your quote will contain a list of all the parts required for your railings*.

** Please note that handrails will need to be cut to size during installation and for some systems you may also need to drill the handrails.*

To place your order please call your local branch or email info@liveconfigurator.co.uk.

When your order has been placed a full set of CAD drawings will be emailed to you. These will include layout drawings for installation and the dimensions of all the glass panels you require.

Special Requirements

If your requirements do not conform to one or more of our templates then please contact one of our sales team. Our branches are listed below. If you need something special it will always be useful to sketch out a layout and add some sizes. Drawings or plans of sites can often be useful when you need advice. We do have an **Enquiry Form for Bespoke Pro-Railing** available which you may find helpful. If you have questions specific to your site sending us photos can also be very useful.

Any Questions?

If you have any questions which are not covered here or in our Frequently Asked Questions, please contact one of our branches or email: info@liveconfigurator.co.uk

Contact Us

We have branches around the UK. Please contact your nearest branch and speak to one of our team, who will be happy to help in any way.

Call one of our branches to place an order or ask a question:

Rainham	Tel: 01708 25 35 45	Fax: 01708 25 35 50
Southampton	Tel: 023 8070 3333	Fax: 023 8070 5555
Ilkeston	Tel: 0115 930 2070	Fax: 0115 951 2455
Birmingham	Tel: 0121 565 8282	Fax: 0121 565 8292
St Helens	Tel: 01942 86 88 88	Fax: 01942 86 88 99
Glasgow	Tel: 0141 773 6699	Fax: 0141 773 6633

Email: info@liveconfigurator.co.uk

Visit: <http://www.prorailing.co.uk> or <http://www.fhbrundle.co.uk>