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PINK SAND GROUP

STAINLESS STEEL & GLASS

BALUSTRADES

HANDRAIL INSTALLATION MANUAL

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WELCOME TO

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"REPUTATION IS IMPORTANT, INTEGRITY IS FUNDAMENTAL"

"UNRELENTING COMMITMENT TO CUSTOMER SATISFACTION"

View our website here

ABOUT US

Everyone working with Pink Sand Group maintain high standards of workmanship at every stage of the process, from simple manufacturing to full fitouts. We bring together a group of people to create the vision, that's delivered efficiently, on budget and more importantly on time. Delivering our customers wants, needs and eliminating concerns is what we do.

HAVE CONFIDENCE FROM OUTSET

Pink Sand Group have a mission to set new standards of excellence as the business expands. Our enduring commitment to our mission, will ensure we are arguably the pre-eminent supplier of choice in the UK. We understand no two projects are ever the same. So when buying or appointing someone to deliver your requirements confidence is key.

- Bespoke Design
- Quality Assured
- 50+ Years Of Combined Experience
- Test Certification Available

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Key Information

Our balustrade systems must be installed onto a solid structure

In order for your balustrade system to be structurally sound it is imperative you install it onto a solid substructure, constructed of durable and solid materials.
We cannot be held liable for the system being structurally unsound if it is fitted to an unsuitable sub-structure.
For help and advise on whether your substructure is fit for purpose please contact us on 01543 212008 or via info@pinksandgroup.co.uk.
The fixings required to secure your balustrade to your substructure will vary upon application.
A few typical examples include:

Material	Suggested Fixing*
Wood	Coach Screws Or Coach Bolts
Metal	Nut & Bolt Or Drill & Tap
Brick / Concrete	Anchor Bolts Or Chemical Resin Studs

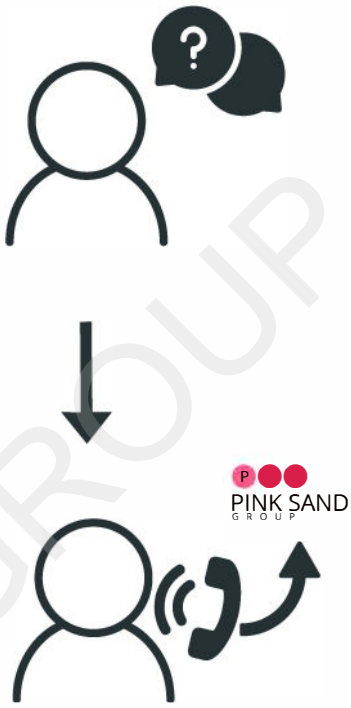
*The fixings stated above a purely a guide and would not be suitable for every application, please consult with our team on the best suggested fixing for your application.

- When installing your balustrade, always ensure you refer to your approved drawing for details regarding post centres, offset / inset measurements and other specific key details. ALWAYS INSTALL YOUR HANDRAILS AS DETAILED ON YOUR DRAWING.

- Take time to properly lay out your handrails and ensure they match positions to those detailed on your approved drawing.

- Always use a tapping lubricant when tapping a drilled hole such as WD-40 or multi purpose tapping lubricant.

- Upon installation completion, you should clean down your balustrade according to your care and maintenance guide.



Included In Your Drill & Tap Kit:

1 x M6 Tap
1 x Tapping Wrench
1 x 5.3mm HSS Drill Bit
1 x Dot Punch

Should you need to purchase additional items, please use this as a guide.

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Elbow Connection

Saddle Connection

Wall Connection

Types of handrail installations

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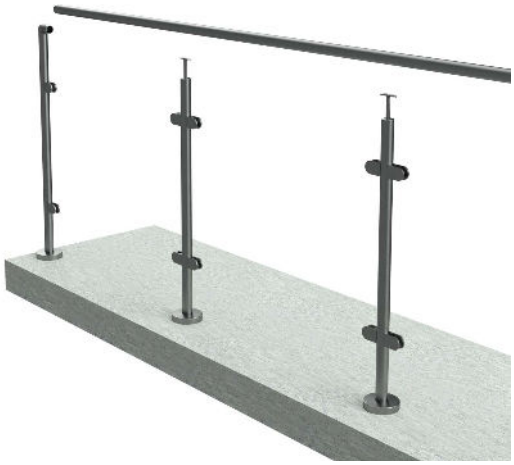
INSTALLATION GUIDE

Tools required for assembly:

- For M6 Button Head Screws - 4mm Allen Key
- For M5 Button Head Screws - 3mm Allen Key

1



Choose the correct handrail for the run of balustrade you are working on and offer it onto the top of the post saddles, be sure to slot it into any elbow joints at this point. Refer to your approved drawing for handrail reference and locations.

There is no need to apply any adhesives at this point for the elbow joints.

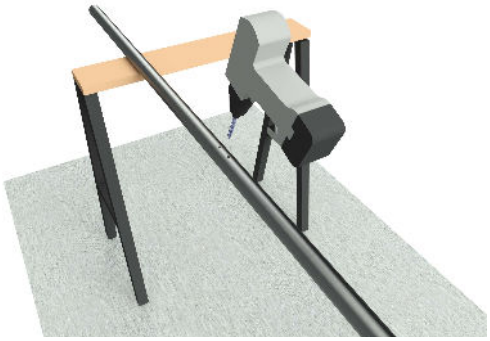
2

With a marker pen, select a saddle at one end of the handrail you are working on and mark the two holes for that saddle only.

* Complete 2 holes for each length of handrail to allow you to screw and secure the length. This helps to prevent the tube from turning on the saddles as you mark the rest of the fixing holes.

PRO TIP

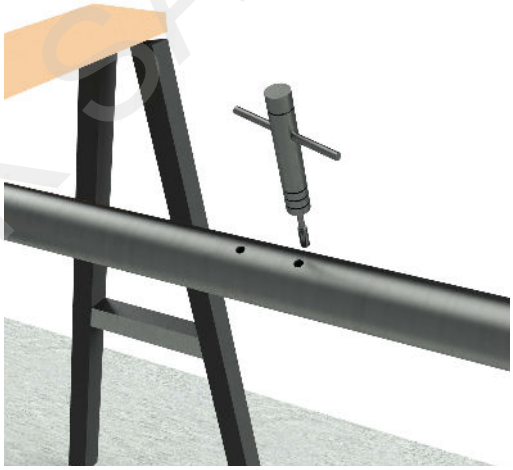
3



Place the rail you have just marked onto a sturdy surface, ensuring a soft boundary between the rail and any hard surfaces. Next you will need to accurately drill each marked point, you must drill the holes straight.

* For an M6 thread you will need to drill a 5.3mm hole and for an M5 thread you will need to drill a 4.2mm hole

4



Using the tap and tapping wrench provided, carefully begin to thread the holes you have just drilled.
You will need to take time to ensure a even and consistent thread is created.

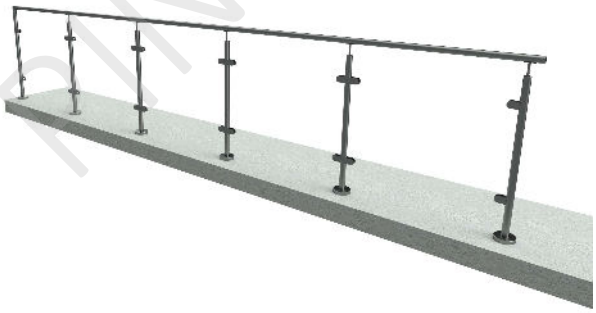
* You must always turn the tap in the correct direction, clockwise into the hole and anti-clockwise to reverse the tap out.
To keep the tap clear and sharp, enter one turn and reverse one turn to remove debris from the hole as you form the thread.

5

Return the rail to the top of the posts and secure in place through the threaded holes you have just created.

Be sure to not cross thread the screw and the fixing hole.

6



With 2 screws locking the handrail in position you can repeat steps 1 - 5 for all the remaining handrail saddle connections that require fixing.

Finish your installation by cleaning down your balustrade.

Please refer to your care and maintenance document for a detailed rundown on after care for your balustrade system.

If you require any further information then please contact the Pink Sand team who will be more than happy to assist.

Email: info@pinksandgroup.co.uk

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