Wire Rope Balustrade

Installation Guide

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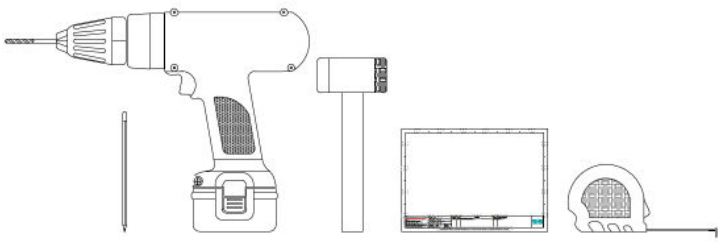
Step 1

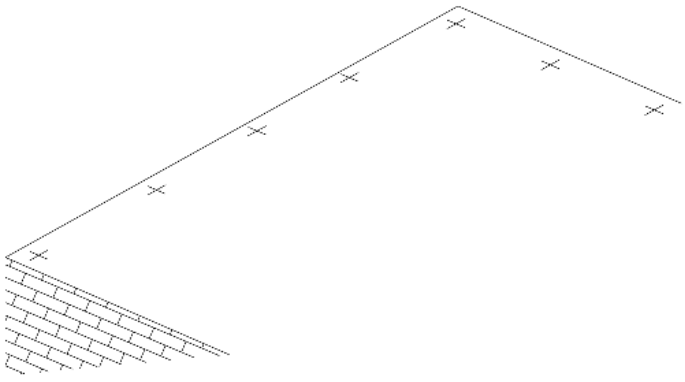


Before beginning the installation of your balustrade, ensure you have all the components required.

Now gather the tools that you will require for installation;

Pencil / Pen / Marker
Drill
Soft Rubber Mallet
Approved CAD Drawing
Tape Measure
Tap & Drill Kit (Supplied by SHS)

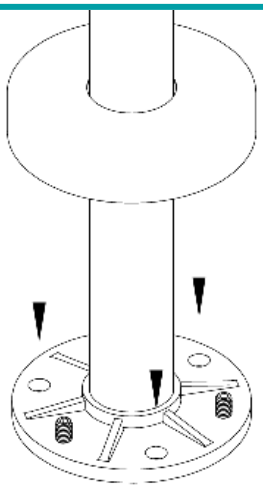
Step 2



To begin installing your balustrade, you will want to use you CAD drawing to help mark out the post fixing locations.

Your CAD drawing will tell you where the post centres should be located.

Step 3



Now fix the post base plates to your substrate using a suitable fixing.

Ensure that the base plate covers are in place before moving on to the next step.

*Base plate style is indicative and subject to change per individual requirements.

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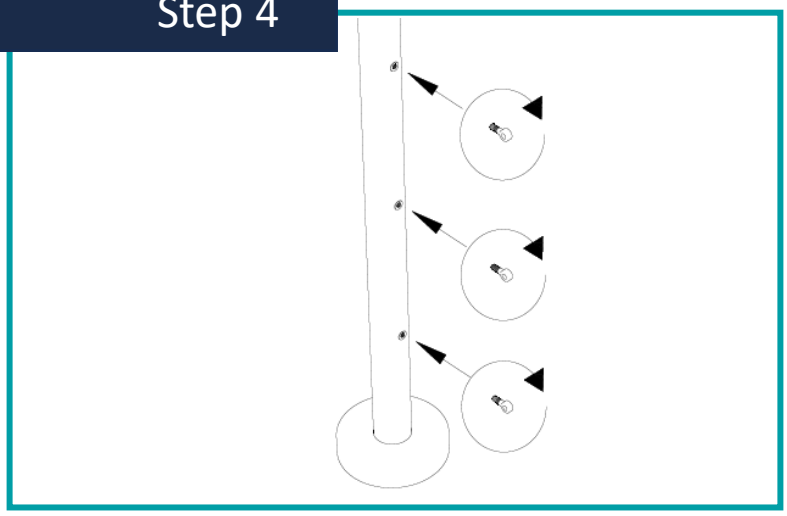
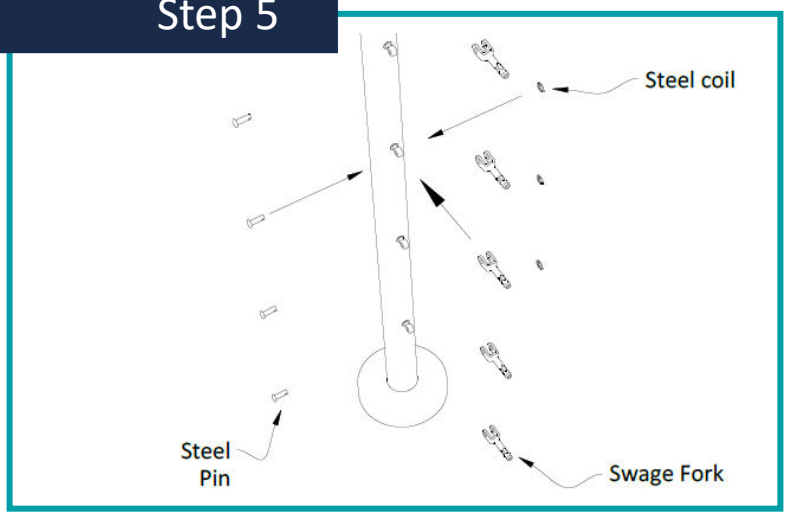
Step 4



Screw the eyelets into all of the posts that have been drilled and tapped for a thread.

Typically, eyelets will need screwing into the end & corner posts, although for long straight runs, a mid-post may occasionally need eyelets too

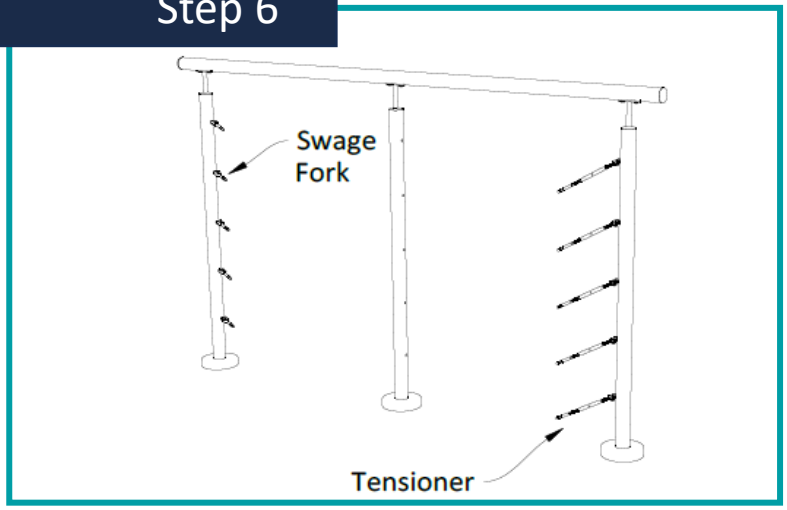
Step 5



Attach the swage forks & tensioners to the eyelets at opposing ends and secure using the steel pins & coils provided.

Repeat this for all posts requiring these components.

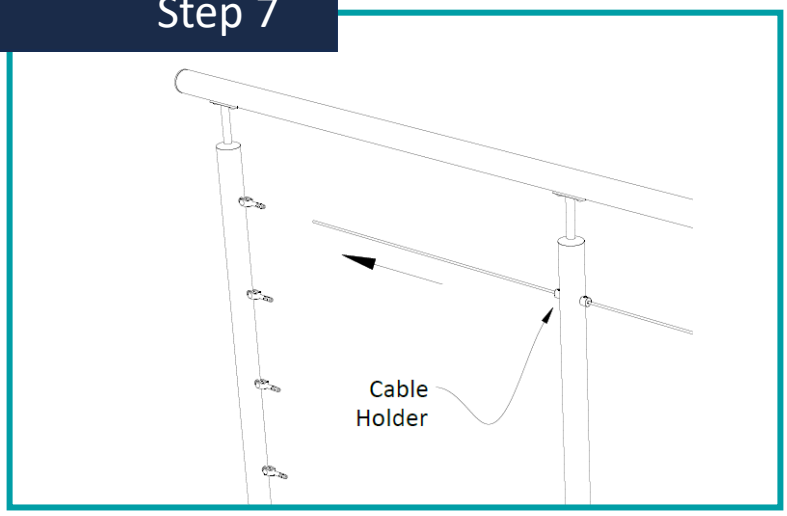
Step 6



Before installing the wire, attach the handrails in place as shown in your approved CAD drawing.

For help with this, please see the Drill & Tap Guide.

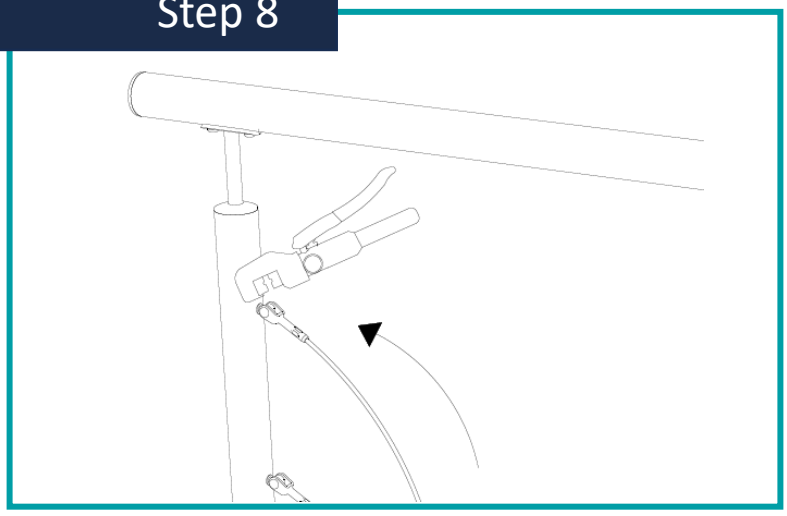
Step 7



Feed the wire through all of the mid-posts, ensuring to begin at the end with the tensioners.

As the cable is slid through each mid-post, slide the cable holders on but don't tighten!

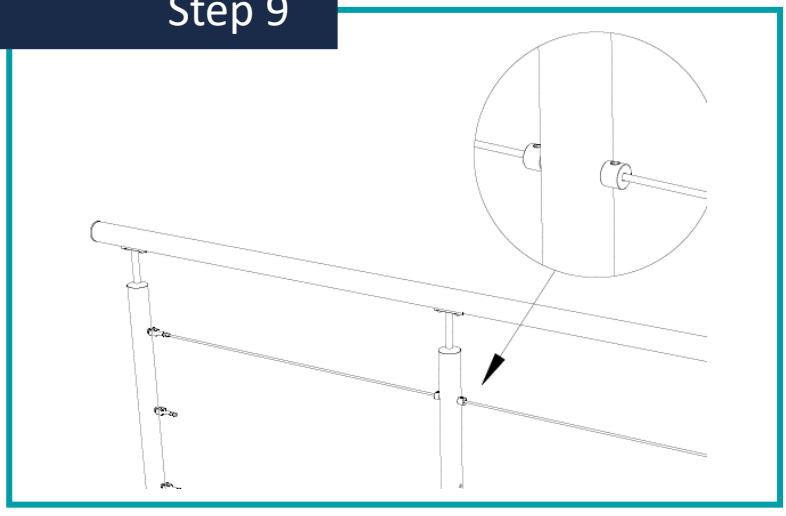
Step 8



Begin by feeding the wire into the swage fork.

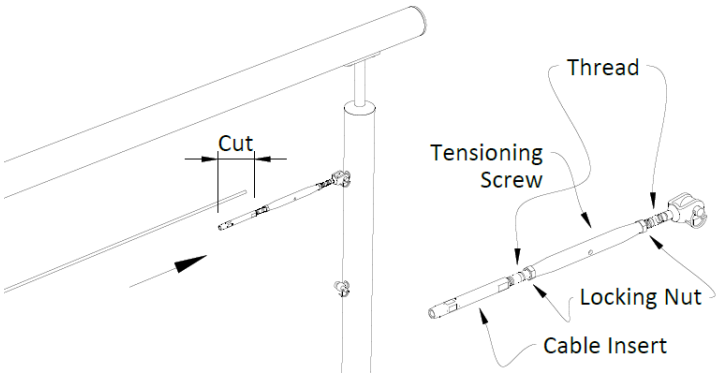
Then using the hydraulic crimping tool, crimp the steel wire inside the fork.

Step 9



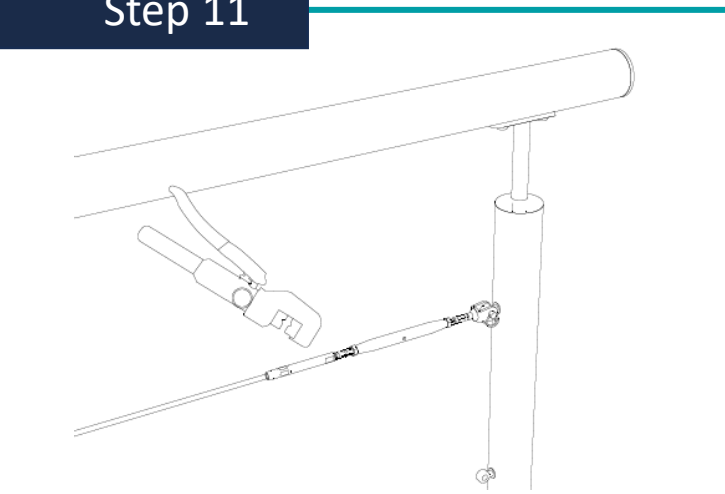
Now working backwards from the swage forks, tighten the cable holders while tensioning the cable by hand so that the cable is taught enough not to sag.

Step 10



Ensuring that the tensioner is wound out, cut the wire so that when inserted it reaches the back of the insert.

Step 11



Crimp the cable inside the tensioner.

Using the tensioning screw, tighten the tensioner until the cable is taught. Use the locking nuts to secure this in place.

Repeat steps 7 – 11 for all remaining runs of cable.

Now that you have successfully installed your balustrade, take time to clean down any residue or debris off of the components & handrails.

If you have any queries or need assistance then please contact Customer Services;

customerservice@shs-products.co.uk

01922 743842 (Option 2)