

SAFECLAMP® Handrail System

PLANNING & INSTALLATION GUIDE

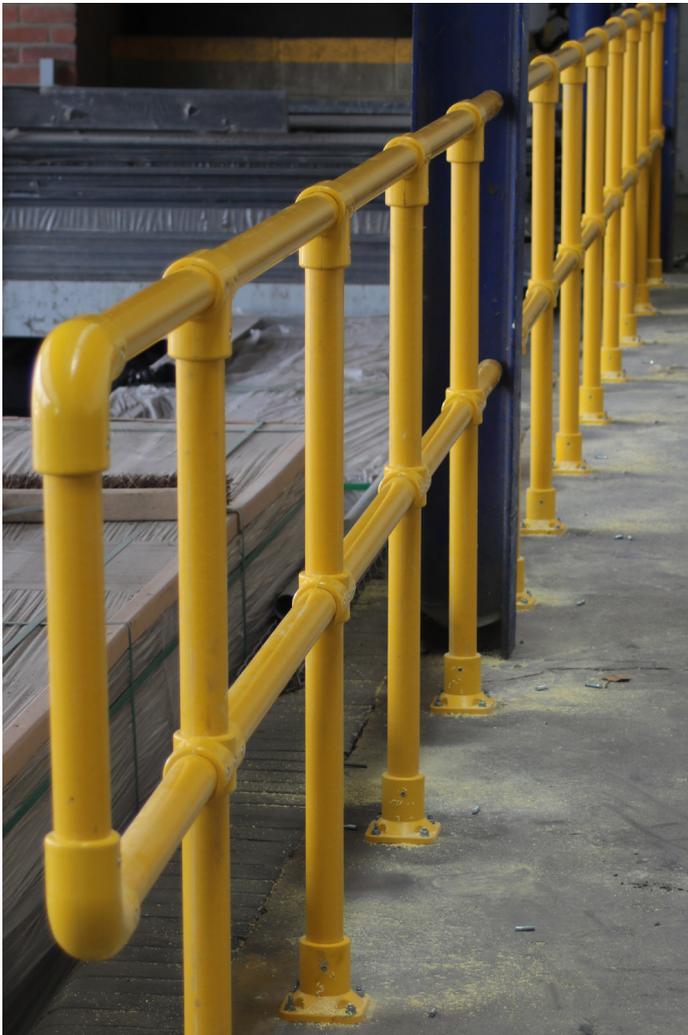


Step on Safety

Modular Handrail System

Safeclamp® is a modern composite alternative to conventional galvanised Key-clamp style handrail systems manufactured from Glass-Reinforced Plastic (GRP).

The Safeclamp® modular system is based on a 50mm diameter pultruded tube, 5mm thick for real strength and toughness and joined together by a range of specifically designed moulded GRP fittings to create the complete handrail system.



The Fibreglass tube can be quickly cut to length on-site to make the stanchion, handrail and mid-rails with the matched pairs of moulded fittings clamping around the tube to complete all the joints.

The fittings are mechanically fixed to the tube with an A2 Socket-head bolt & Blind Riv-Nut.

This special nut and bolt combination ensures that both the bolt head and the nut are recessed within the moulded fitting retaining the smooth surface for safe uninterrupted hand hold and no snagging on clothing.

For additional security the fittings can also be adhesive bonded using single or two pack adhesives.

Safeclamp® is available in yellow colour as standard. Grey is available upon request.

BENEFITS

- Lightweight
- Easy to install
- BS Compliant (BS7818:1995)
- Durable
- Corrosion resistant
- Colourfast
- Warm to touch
- Non-Conductive

FOR MORE INFORMATION

Call: 01206 396 446

Email: sales@steponsafety.co.uk

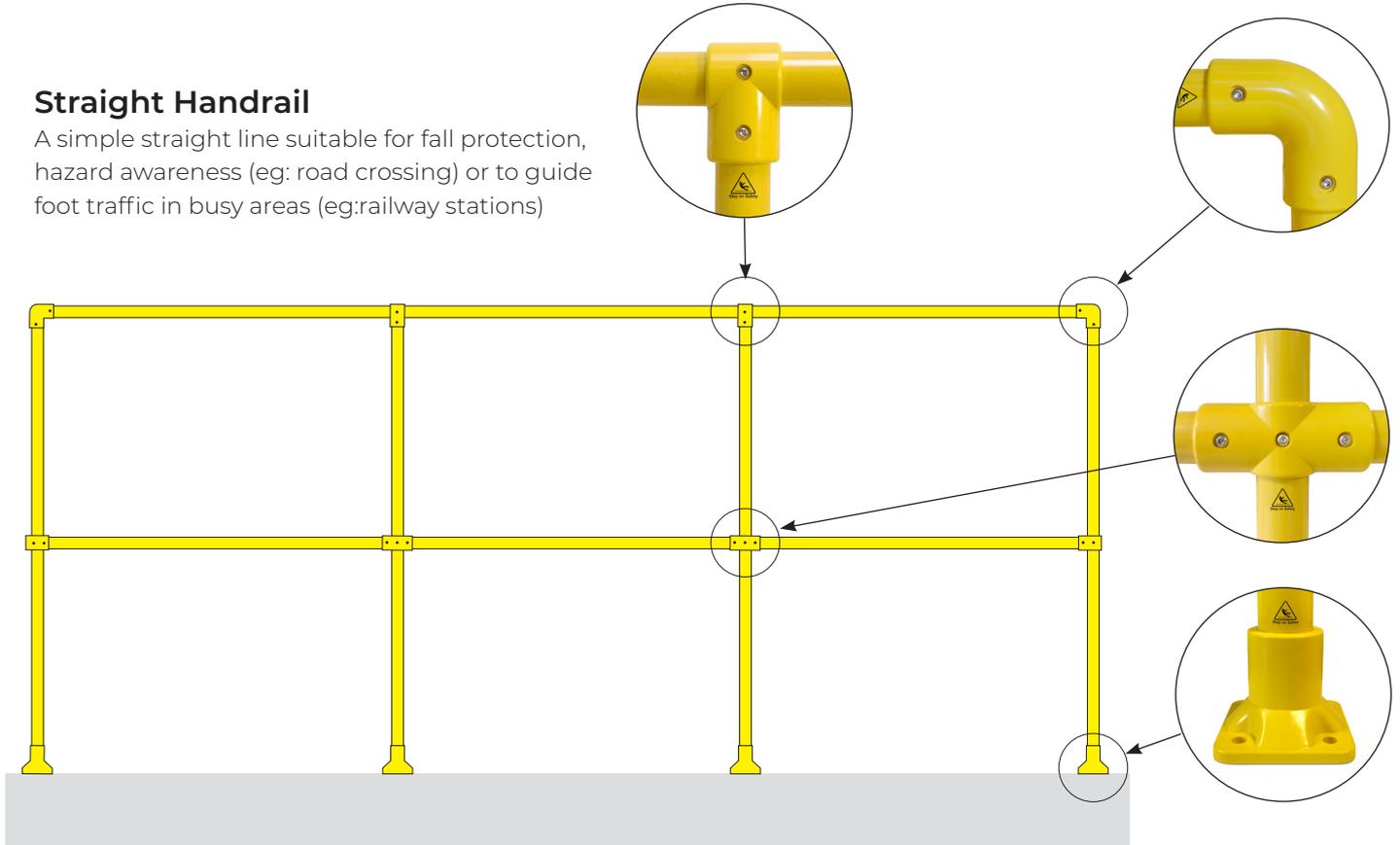
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SAFECLAMP®
a Step on Safety brand

Typical Configurations

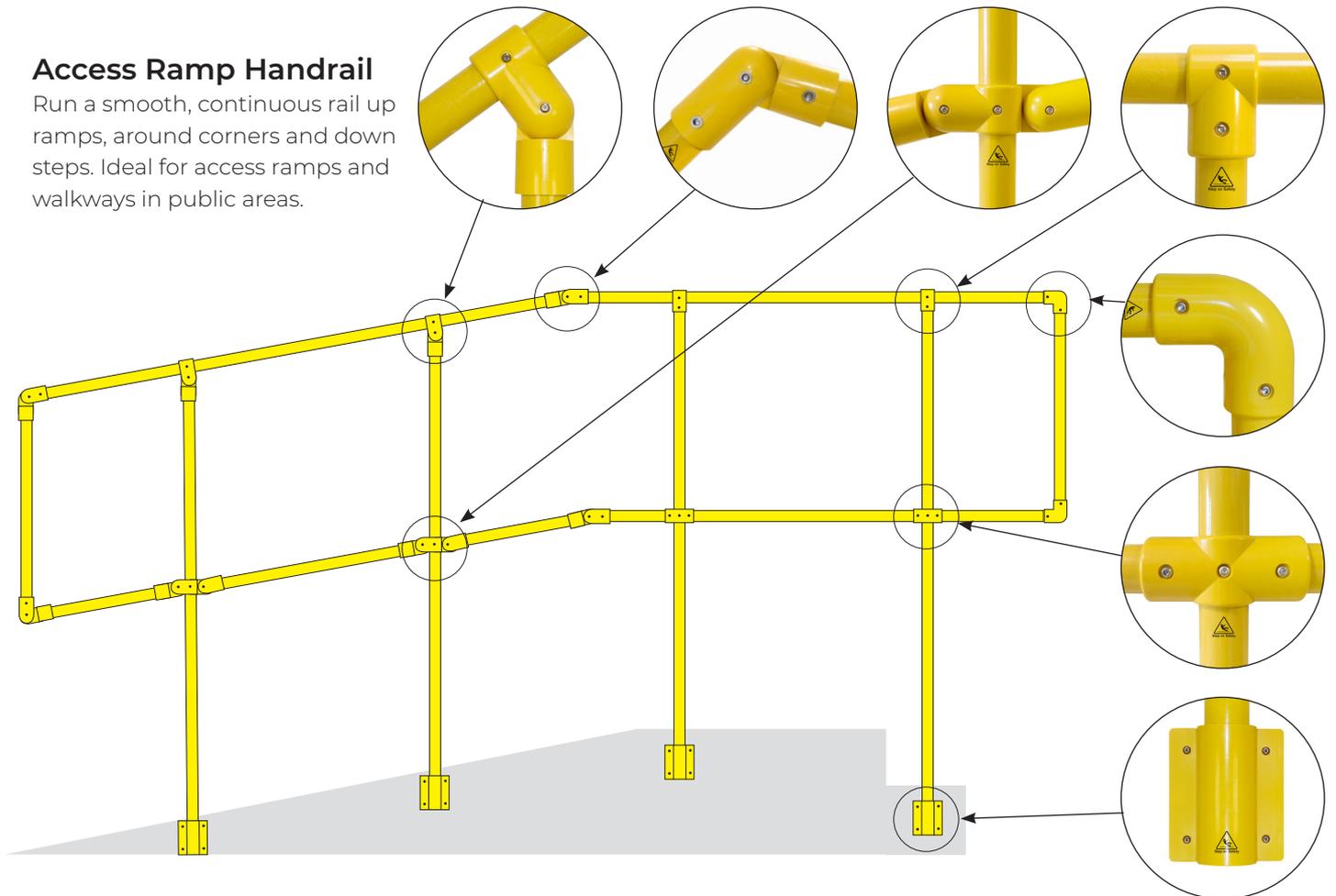
Straight Handrail

A simple straight line suitable for fall protection, hazard awareness (eg: road crossing) or to guide foot traffic in busy areas (eg: railway stations)



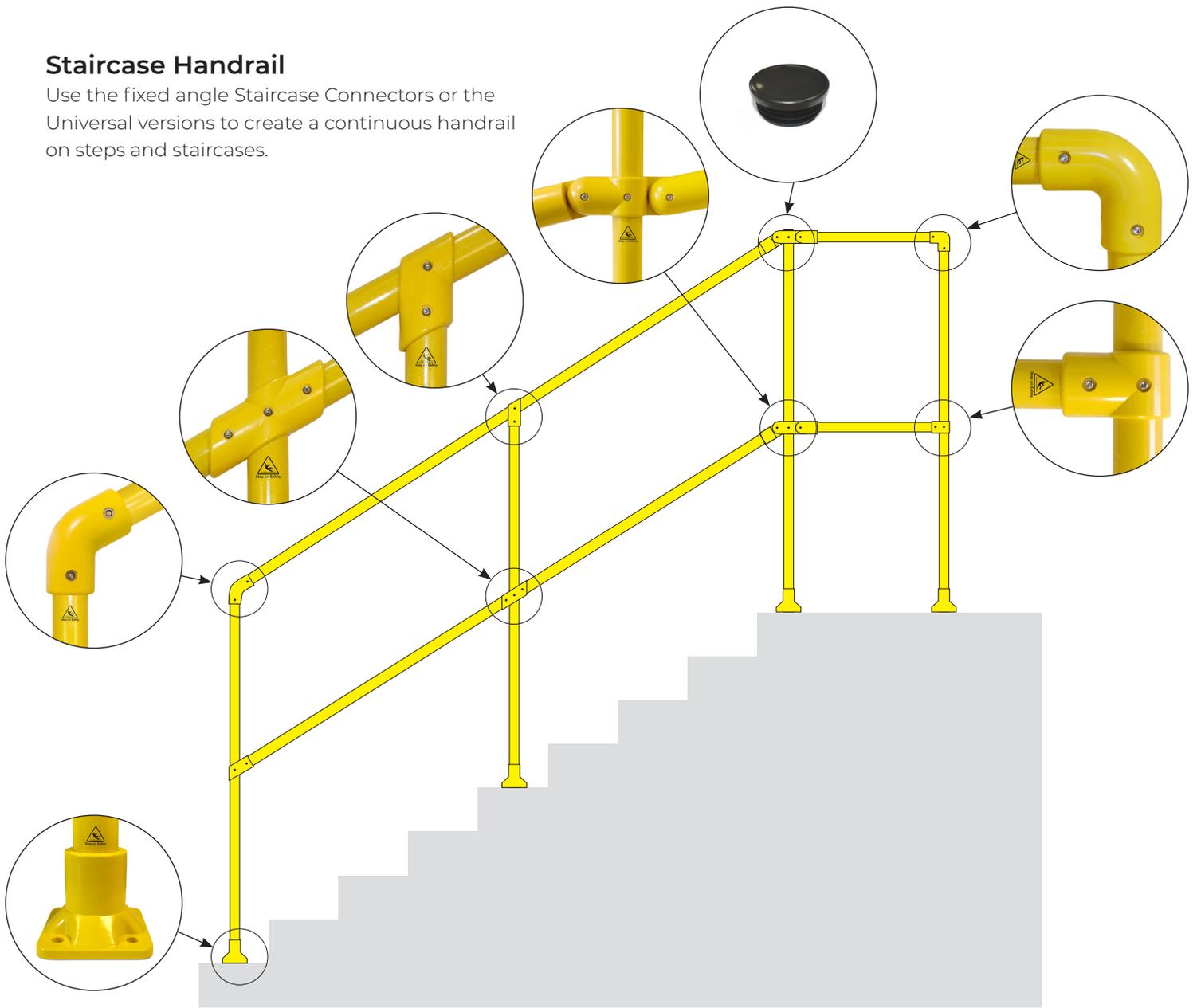
Access Ramp Handrail

Run a smooth, continuous rail up ramps, around corners and down steps. Ideal for access ramps and walkways in public areas.



Staircase Handrail

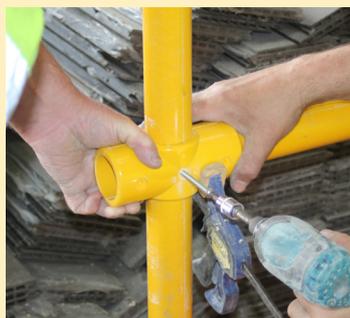
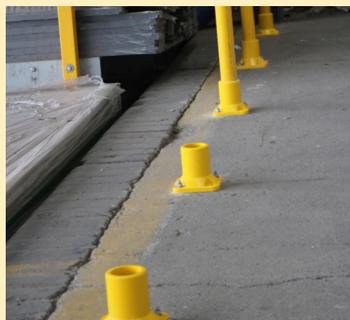
Use the fixed angle Staircase Connectors or the Universal versions to create a continuous handrail on steps and staircases.



Planning your SafeClamp® Handrail

A simple line drawing and some basic measurements are all you need to plan your railing. Once you have sketched the number of uprights and any changes of direction, join them up with a top rail and a mid rail and then work out which connector will work best at each line intersection (the graphics overleaf show exactly what the connectors do).

You'll need a saw to cut the tube lengths and a drill to make holes in the tube for the bolts to go through. We recommend stainless steel 80mm M8 through-bolts to put the rail together; floor fixings will depend on the surface you're working on. You'll also need a tape measure and spirit level. Our fabricators use clamps to hold the rail together while making final adjustments.



Components

Our SafeClamp® Components are stocked in Hi-Vis Yellow but are available in grey as a special order. We also have plastic end caps and kickplate.



Handrail Tube
6000mm long



Base Foot



Side Mount



Wall Mount



3-Way Connector



Long 3-Way Connector



60° 3-Way Stair Connector



Universal 3-Way Connector



90° Elbow Connector



120° Elbow Stair Connector



Universal Connector



3-Way Corner Connector



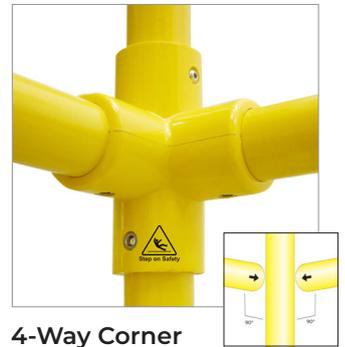
4-Way Connector



120° 4-Way Stair Connector



Universal 4-Way Connector



4-Way Corner Connector

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