

Installation Instructions

Stainless Steel Floor Rail

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The following instructions should be read in full prior to installation of Gradus Stainless Steel Floor Rail

Prior to commencement of installation an inspection of the floor must be undertaken to identify if there is any under floor heating or services which will need to be avoided together with ensuring the subfloor is solid and sound enough to accommodate the appropriate fixing. All necessary repairs must be completed before proceeding.

1. The SSFR51 Stainless Floor Rail (supplied in 3m lengths) is to be cut to length with an appropriate saw to ensure a neat and square cut is achieved, without distortion or discolouration to the rail. The size of ends/corners/etc. needs to be taken into consideration when determining the length of rail to be cut.
2. Support pillar placement:
 - a. A support pillar is required at each end of a run of rail plus intermediate pillar supports equally spaced in between with a maximum spacing of 1000mm.
 - b. Support pillars placed at the end of runs should be positioned approximately 100mm from the end of the rail where it terminates (i.e. where a Flat End Cap (SSFR51EC) is used. If a wall/floor return (SSFR51RET) is used to terminate the run, then the pillar should be placed over the join.
 - c. Support pillars should be positioned over the joints on all internal/external angles.
 - d. Multiple lengths of rail (i.e. over 3m runs) should be butt joined using a Joining Splice (SSFR51SP) in conjunction with a support pillar placed centrally over the join.
3. Assemble the rail, pillars and any internal corners by sliding the rail through the support rings in the pillars and once in correct orientation and position, mark the subfloor through the fixing holes in the base of the support pillars. Carefully remove the system.
4. The floor should be drilled to a depth suitable for the required fixing, appropriate for the specific subfloor (e.g. screw; plug & screw; compression fixing; resin fix threaded bar etc.). If additional strength is required for the SSFR51RET Floor/Wall Returns, then a Flat End Cap (SSFR51EC) should be fixed on the floor/wall to allow the other end of the rail to be seated.
5. Complete the assembly of the system to include return ends and jointing splices (securing with 3M Scotch Weld adhesive) then correctly position and tighten fixings ensuring pillars are fully seated to the floor and no movement is evident. When rail is in final position, tighten grub screws in support pillars.