

FIG 5 | TOP MOUNTING

FIG 6 | BASE MOUNTING

FIG 7 | M-TEK POST DETAIL

FIG 1 | SYSTEM ASSEMBLY

SYSTEM ASSEMBLY

STAGE 1 – SHORT NEEDLE, CLAMP & ADJUSTABLE RISER ASSEMBLY

Slide two Standard Needle Clamps (1) onto each Short Needle (2) do not tighten U-Bolt nuts. Ensure that the Standard Needle Clamps are positioned with the short side facing the structural member as shown in Figs 5 & 6.

Raise the assembly to be against the bottom flange or resting on top of the top flange of the structural member. Make sure you allow approximately 200mm of the short needle to overhang past the outside of the building.

Slide each Standard Needle (1) Clamp over the structural flanges to hold the assembly loosely in position. See Figs 5 & 6.

Tighten the Standard Needle Clamps U-Bolt nuts

Slide the Riser clamp (3) on the tail of the Short Needle tighten the two “U” bolts to secure. Remove lynch pin (4) from Riser support (5) and adjust the Riser tongue (6) (M-Tek post connects) making sure that it is level with the roof or platform walking surface, this will ensure that all the rails are located at the correct heights. Once this process is finished make sure to tighten the two lock bolts on the riser support to secure the

riser. You will have to repeat this process with very riser.

STAGE 2 – M-TEK POST

Loosen the post U-Bolt and rest the M-Tek Post (7) on the M-Tek tongue with the rail clamps facing inwards.

Slide the Post U-Bolt under the M-Tek tongue. See Fig 7. Tighten the Post U-Bolt nuts.

STAGE 3 – SPACING

Repeat “Short Needle, Clamp & Adjustable Riser Assembly” and “M-Tek Post” stage ensure the distance between post centres does not exceed 3.0 metres.

STAGE 4 – RAILS

Attach bottom, middle and top rails (8) to the M-Tek Post.

Continuous Rail Linkage – see Fig 2. Use Rail Clamps on M-Tek Post.

Angled Rail Linkage Joggle or Chain Joggle – See Fig 3 & 4. Use Joggle to link and clamp rails at a corner or cross junction.

Rails must overlap at least 100mm on each side of the joggle.

Ensure that all bolts are tight before use.

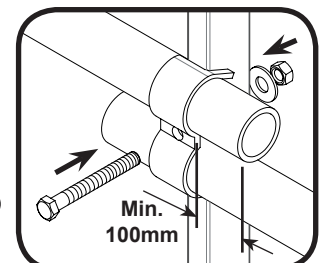


FIG 2 | CONTINUOUS RAILS

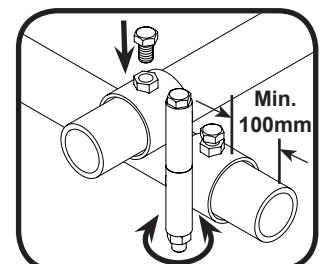


FIG 3 | LINKAGE JOGGLE

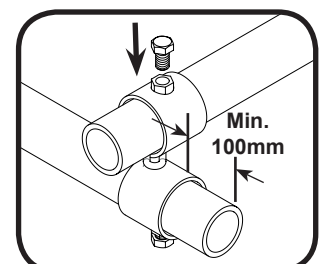


FIG 4 | CHAIN JOGGLE

1300 377 233

www.csrroofing.com.au

TopCat Safety Rail is a division of CSR Building Products Ltd. ABN 55008631356. Chatswood NSW 2067.