Steelhoard System – Installation with tri-bases

Tri-Base

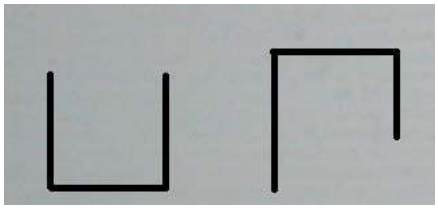
Channel to post coupler

MF1

MF2

Adjusting collar

Double Gate Coupler



bottom channel **top channel**

Instructions for installation – Posts and Tri-bases

Firstly, walk the hoarding line and decide where to start measuring centres from. If the line has a definite end, work away from the end. If gates must be in a set position, work away from the gate location.

Lay a string line along the hoarding line and mark locations at 2.5m centres. **Make sure all marked centres are dead straight along the string line.**

Place tri-bases along the line with the post socket on the marked centres and the triangle to the **inside** of the site. Where the end of a line does not match 2.5m exactly add an extra tri-base at the end of the line.

Place ballast weight on the tri-bases ensuring the post sockets remain on the marked centres.

Cont. . . .

For all posts that are not at the end of a line or next to a gate, take the posts and slide 1 channel to post coupler onto the post with the channel opening upwards, then slide the adjusting collar onto the post and then slide the second channel to post coupler onto the post with the channel opening downwards.

Drop the posts into the tri-base sockets and slide the adjusting collar up the post (with the top channel to post coupler above it) until level with the top of the ballast weight and secure the two plates to the ballast weight – Ensure the posts are exactly plumb in the sockets using the adjusting collars and tighten to secure. If the ground is too uneven some packing may have to be used under the tri-bases.

Turn the channel to post couplers so the channel part is to the outside of the site. Slide the top channel to post coupler up the post until it is at least 2.45m above the bottom channel to post coupler which should be as low down the post as possible. Finger tighten the bolts so the Channel to post couplers stay in place.

Corners and Ends/ gates;

At the end of a run, use MF1 fittings instead of channel to post couplers but fixed in exactly the same way.

On an external corner (where the post is inside the corner) use 1 x MF1 and 1 x MF2 instead of each channel to post coupler as in the picture (left) below;

On an internal corner (where the post is outside the corner) use 1 x RC1 and 1 x RC2 instead of each channel to post coupler as in the picture (right) below;

External corner

Internal Corner

Cont. . . .

Installation of Channels and Sheets:

Place the 5.0m bottom channel (see section picture above) in the bottom channel to post couplers and tighten. If the post centres have been measured correctly, adjacent channels should begin and end half way along the channel to post couplers.

Take care to look at the top channels – One side is longer (deeper) than the other. Ensure the long side goes to the front (outside) of the hoarding line. It will help to cut a measuring stick for fixing the top channels. The best length is the same as the sheet length but minus the depth of the bottom channel. To get the correct distance for fixing the top channel, stand the measuring stick on the bottom channel and Fit the top channel by resting the back (shorter) section of the top channel at the top of the measuring stick. This helps when the sheets are fitted as they will miss the back part of the top channel but lean against the front (longer) section when stood in the bottom channel.

Drop the sheets into the bottom channel (as above) and then drop the top channel down the post so the sheets are fully captivated. The sheets are designed to lap over each other a little (or more where adjustment is required at the end of a run) to give a seamless run.

Make sure all nuts/ bolts etc. are fully tightened once the sheets are in place.

Corners and Ends/ Gates.

At the end of a run you may need to cut the channels down to suit the line length. The MF1's have a stop end in them. As well as the top and bottom channels, you will have received some shorter (2.0m or 2.4m channels). These are VC1's (Vertical channels). Stand the VC1 in the MF1's and slide the last sheet on the run into the channel. Tighten up etc as above. This ensures that end of the last sheet is covered up in the vertical channel.

On a corner, do exactly as above except a corner is actually two ends.

At a gate, end the line exactly as above except also use a double gate coupler (see top). Always use the special posts provided for each gate leaf.

IF IN ANY DOUBT AT ALL – RING AND ASK!