



PROTECTA®

Enviro Wall® – Freestanding Installation Guide

For Heights 2.4m to 3.6m

1. Clear the area that is to be used for the installation and remove all hazards.
2. Slide a PVC joiner (code: EPJ-) over a steel support post (code: HBP115). Place a weight (code: HBW17) on the support post base for stability. Repeat for all the posts.
3. Fit an Enviro Wall® panel (code: ENV27 or ENV30) into a post/joiner and then fit a second post/joiner to the other side of the panel, ensuring the panel fully engages the joiners. Push the panel down to the floor.
4. Cut a 1.2m length of the aluminium top channel (code: ET4-30) and fit over the top of the panel and joiners. Screw fix to the inside of the joiner at each end.
5. Continue to fit additional panels and posts/joiners, repeating steps 3 and 4.
6. For a 2.4m high wall, cut the ENV27 panel to 2.4m. For a 3.6m high wall cut a 600mm panel and install it below the ENV30 panel, using a EJ4-12 joiner
7. Corners can be formed using the PVC corner (code: HPC-) or the aluminium corner (code: EC90-30). Where aluminium corners are used, one on each side of the panels is recommended. To form a 135 degree corner, use two of the aluminium profile (code: EC45-30). Corners should be screwed together through the panels, using five screws, top, bottom, and equally spaced, in each direction.
8. Panels can be cut using a fine-toothed handsaw, power saw, or a sharp knife.
9. Door and Jamb Installation: Assemble the precut aluminium door jamb (code: EDJ-) with the aluminium corner stakes. A single door set can be cut into one panel, with the hinge side at the post. A double door set should have the posts and weights to each side. A small panel will need to be installed over the top, to make up the hoarding height. Fix off the jamb to the post and panel, hang the doors and fit the hardware (note: If the door seal is used, the door will protrude 5mm past the face of the jamb). Doors should be orientated so that the swing path is into the construction side. Additional weights are to be added to the posts beside the doors for increased stability.
10. Weights: Fit two weights to 2.4m high and one weight to 2.7m to 3.6m high hoardings. Sight through the bolt hole of the first weight to ensure it is located centrally over the nut. Secure with appropriate bolt (code: HFBolt-). The hoarding will comply with AS4687.3-2022 (impact and climbing loads) when the appropriate number of weights are fitted.

PLEASE NOTE:

- A. It is the responsibility of the purchaser and installer to ensure that the hoarding system is suitable and safe for the application and is installed in the correct manner.
- B. Consideration may need to be given to any possible wind load from external wall openings, doors and/or window openings etc, and any other loads that maybe applied.
- C. Protecta can provide general advice, however final responsibility lies with the purchaser and installer.
- D. Certification to AS4687.3-2022 relates to internal, non wind loaded applications.
- E. The use of Protecta hoardings for other application (eg: edge protection, or where a wind load may apply, etc) may require a qualified engineer to assess an appropriate support system.
- F. Appropriate warning signage, if required, is the responsibility of the purchaser and/or the installer.
- G. Ensure the bolts are installed to prevent instability of the hoarding system due to the removal of weights.
- H. Enviro Wall® Freestanding Hoarding is intended to be installed on a flat level surface.
- I. Exclusion zones may be required if machinery such as scissor lifts, forklifts etc, are to be used in proximity to the hoarding.
- J. Components to be reused on multiple installations should be inspected between installations to determine they are fit for reuse.
- K. Enviro Wall® is not intended for use in areas where it is likely to come in contact with liquids.

