



PROTECTA®
PROJECT CONFIDENCE

Enviro Wall® – Floor to Ceiling Installation Guide

1. Clear area for installation and remove all hazards.
2. Mark out floor for bottom tracking with low tack tape or erasable marker.
3. Cut in bottom track (code: EB4-30, 20mm deep channel) and fix to floor. Make provision for door openings if required.
4. Fix wall starters as required (either bottom or top track – refer point 8).
5. Fix top track (code: ET4-30, 45mm deep channel) to ceiling, or structural overhead member as required.
6. Place in Enviro Wall® panels and cut down to height if required using a scoring knife, fine-toothed handsaw, jigsaw or circular saw. If panels can be slipped into place from the open end of tracking, provide 5-15mm clearance. If panels are fitted from front on, cut panel to length 25mm shorter than the ceiling height to allow the panel to lift up into the top track and drop down into the bottom track.
7. Cut in and place joiner sections (code: EJ4-27 to EJ4-54) between each panel as they are fitted.
8. The last panel may need to be cut for width to allow clearance. If the last panel is to be fitted tight against an existing wall, you may require a top track section, or EC90-30 angle, to be fitted as the wall starter, to allow for the clearance that the panel needs to slip in to the joiner section.
9. If the ceiling height is greater than a full height panel, cut the joiner sections to the full floor-to-ceiling height. Place the full panel into the bottom track and wall starter/joiner section. Cut a joiner section (approx 1160mm long when using full width panels) as a horizontal joiner between the panels. Then cut a small panel from an Enviro Wall® panel, 25mm shorted to allow the panel to lift up into the top track and drop down into the horizontal joiner.
10. Fit 90 degree or 45 degree external corners where required. Corners can be formed using the PVC corner (code: HPC-), or the aluminium corner (code: EC90-30). Where aluminium corners are used, one each side of the panels is recommended. To form a 135 degree corner, use 2 of the aluminium profile (code: EC45-30). Corners should be screwed together, through the panels.

11. Door and jamb installation- Assemble the precut aluminium jamb with the corner stakes supplied. We stock standard sizes of internal readycote doors. Openings for single doors can be cut out of a full panel if desired. Alternatively, they can be installed against a joiner, with an infill panel cut in over the door head. Double doors, generally, would start or finish against a joiner. Hang doors and fix jamb to surrounding panels (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.
12. Doors can also be made using the Enviro Wall® panels. Top tracks can be used as the top, bottom and stile members to frame the door. These members can be screwed to the face of the Enviro Wall®. If additional strength for the stiles is required, a horizontal flat bar, or a piece of bottom track, can be used at mid-height.
13. If the hoarding requires greater stability, attach additional bracing to suitable adjacent walls, floors or ceilings as required.

PLEASE NOTE:

- A. If compliance with AS4687 impact loading is required, contact Protecta.
- B. 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 a secure manner. Consideration may need to be given to any potential wind load from external wall openings, doors and/or window openings etc.
- C. The installation method and fixing requirements are to be assessed by a competent tradesperson, who is responsible to ensure that the install is carried out accordingly. The advice of a qualified engineer may be required to ascertain if an existing structure is capable of supporting the expected loads imposed on it by a temporary hoarding.
- D. Protecta can provide general advice, however final responsibility lies with the purchaser and installer.
- E. Protecta hoardings are generally for internal, non wind loaded applications
- F. The use of Protecta hoardings for other applications, (eg: edge protection, or where a wind load may apply, etc.) may require a qualified engineer to assess an appropriate support system.
- G. The purchaser and/or the user must ensure that, if tapes are to be used, they are appropriate for the purpose, and that tapes are not used on finished surfaces where they could cause damage or leave residue.
- H. Appropriate warning signage, if required, is the responsibility of the purchaser and/or the installer.
- 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.

Scan to watch the Enviro Wall® Floor to Ceiling Installation Video

