



DuraPlan
— RESTROOMS —

Classic Range

Installation Guide | 2020

CAUTION

Handle Panels with Care

Compact Laminate or CDF panels are very dense and durable panels, however if they are mistreated, stored or handled incorrectly it could potentially damage the panels. To prevent any damage please read and take notice of the following diagrams:

Storage & Handling Conditions



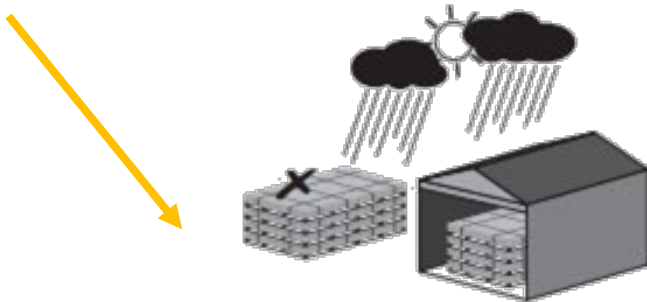
1. Compact is heavy. Ensure you use the right forklift length for the laminate stacking height and sheet size. Don't overload the forklift.



2. During storage the sheets must be parallel to the ground and aligned with each other on bearers that are evenly spaced on a flat surface. Maximum space between bearers is 600mm. Protect the sheet corners.



3. Do not stand the sheets against a wall vertically. Make sure there are no cavities between the sheets.



4. Store in a dry, sheltered area. Do not leave the sheets inside the pallet in the rain or direct sunlight.



5. Sheets must be carried by at least 2 people, or if using a forklift or suction lift, move sheets gently to avoid damage.

Cleaning & Maintenance of Duralam Panels

Compact Laminate has a non-porous surface which is easy to clean. The decorative and homogenous core of the Duralam Compact Laminate Panels are impervious and resistant to most commonly used cleaning agents and disinfectants.

Recommended Cleaning Products:

Ajax Spray & Wipe
Water & Soap PL

Removing Extreme Soiling:

Extreme soiling such as dust, dirt, food, juice etc that has accumulated over time should be removed following the process outlined below:

With hot water and an interiors detergent or soap-based cleaning agent, applied with a sponge or soft nylon brush. Apply the diluted cleaning agent to the surface and leave it to soak for a period of time. Then rinse off with a clean damp cloth and dry with an absorbent cloth.

Don't Use:

- Any highly acidic or alkaline products should be refrained from being used
- Abrasive or polishing materials
- Sandpaper or any other coarse material

Other Useful Tips:

If any chemical solution has been applied to the board, it should be washed off in order to protect the panels.

Apply CRC to hinges and door locks when required in order to free up and smoothen the movements.

**For further information, please contact our customer service team on: [09 972 7682](tel:099727682)
or email us at: sales@duraplan.co.nz**

What Tools are needed?

- Straight edge
- Level
- Drop saw
- Small step ladder
- Timber blocks and packers
- Drill
- Nylon Hammer
- Circular saw
- No. 1 & 2 Square Drive and Pozi-drive
- Broom
- Small Brush & Shovel
- Riveting tool
- Compressor
- Air Hose

Materials Supplied by Duraplan

- 13mm compact laminate
- Aluminium components
- Hardware (hinges, locks, coat hooks, foot bases)
- Fixings

Note 1: Other power tools such as planner, multi-tool, jig-saw and sander may be needed.

Note 2: Other general hand tools such as squares and levels are advised to be on site as they may also be required.

Note 3: If other supplies are necessary such as drill bits and double-sided tape they will be provided by Duraplan as part of the main package.

All Installation Instruction must be thoroughly read and understand before the installation process begins:

- All walls must be straight and flush.
- The system should be dry-fitted

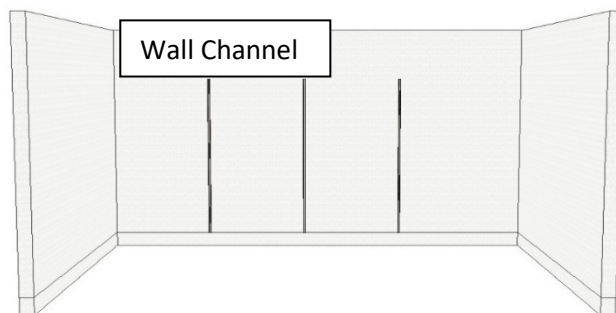
Installation Process

Step 1. Report to the site office for site induction. Check the area where you are to work for quality of safety. Once the area is safe, proceed with the install.

Step 2. Open the packages and find related plans. Check colours, style and measurements.

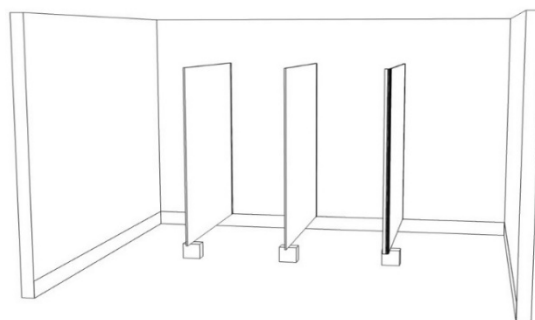


Step 3. Check the levels and find the highest point. Note - the fixing height will be the lowest position.



Step 4. Mark out and fix wall channels in a plumb position as per installation plan measurements. Use stainless square drive 10 x 1 ½ -inch screws for fixing the wall channels to the wall (supplied).

Note: It is a good idea to find out the plumbing routes in the wall first



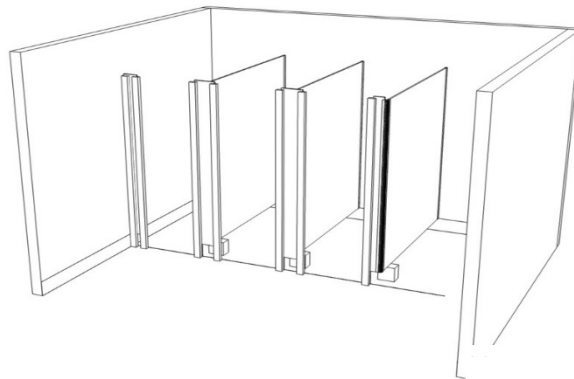
Step 5a. Lift centre a panel into place, slide it into the wall channel.

b. Level the panel using blocks/packers to the correct height to a position to support the centre panels.

c. Check the panel is in the correct position i.e. level, plumb, straight

d. MAKE SURE ALL HOLES ARE DRILLED THE ENTIRE DEPTH OF THE SCREW/ RIVETS. Drill a 4.9mm hole in the compact where the 5mm hole is in the wall channel. DO NOT DRILL RIGHT THROUGH TO THE OTHER SIDE OF THE WALL CHANNEL.

e. Rivet the panel to the wall channel using 11.1mm powder coated rivets (supplied). Repeat this process for the other panels.



Step 6a. Side Pilasters – Position and fix end pilaster wall channels 6mm further out from the end tip of the centre panels.

b. Temporary put in place end pilasters to mark the front face of the aluminium on the floor. Use masking tape on the floor to mark this.

c. Remove pilasters. Hold chalk line on the left and right marks and mark the front position of the centre pilasters.

d. start by fitting the side pilaster with the hinges on it. Mark around the base of the pilaster with masking tape on the floor.

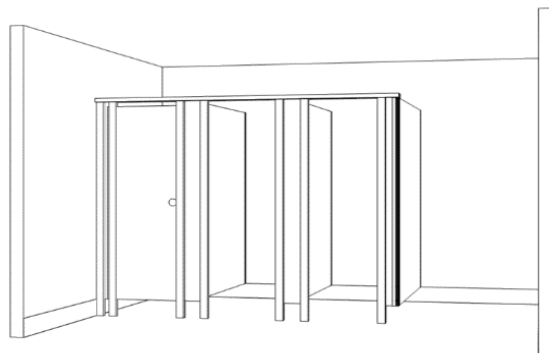
e. Position the aluminium foot base into place as per the markings on the floor. Use ramset plugs and screws supplied and fit base to the floor.

f. You may need to trim the aluminium pilaster legs to length. Fit Hinge side pilaster only. Rivet with one rivet at the top.



Foot Base detail

Step 7. Fit door to assess the opening position. Mark door opening width on the floor with the mm shown on the plan



Step 8a. Position centre pilaster, line it up with the chalk line and the door opening gap mark.

b. Mark around the base of each pilaster foot with masking tape. You may need calculate how much to trim the legs of the pilasters to the correct height. Remove pilaster.

c. Position the aluminium foot bases into place as per markings on the floor. Use Ramset pugs and screws supplied to fix bases to the floor.

d. Trim Aluminium pilaster legs to length.

e. Re-position pilaster in place over the feet on the floor. Check for height and plumb. Rivet one rivet at the top of the channel.

f. Drill with 4.1mm drill and screw pilaster leg to the foot on the floor.

Step 9. Fit door and check opening width. Mark door opening width on the floor and repeat **step 8 and 9** till all pilasters are fitted.

Note- You may need to trim other end pilaster before fitting.



Headrail and pilaster join
from inside the cubicle

Step 9a. Headrails- trim head rail to length.

b. Remove top infill.

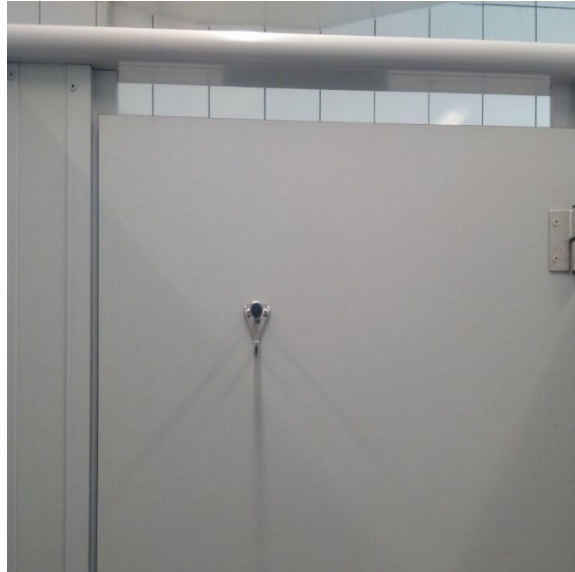
c. Adjust the door gap infills to suit the pilaster widths/openings.

d. Fit headrail over the pilasters into the rebate on the aluminium.

e. Work from the hinged pilaster end. Check centre pilaster for plumb, door gap etc. Drill with 4.1mm drill and screw in place with 10 x ¾ screws.

f. repeat till all screwed off.

g. Fit top infill



Step 10. Fix coat hooks/door stop in place – these must be positioned closer to the opening edge of the door to act as a door stop as well. The holes for these should be pre-drilled so use the supplied ½ -inch screws to fix them onto the door.

Step 11. Final check off – ensure;

- Doors are sitting correctly and open/shut correctly
- Pilasters are fixed correctly
- All feet are correctly fixed to the floor
- The headrail is fixed correctly to the pilasters
- All panels are straight and level
- That the operations of the system operate smoothly and correctly.
- Take all panel and headrail labels off, clean all components, including any pencil marks on the walls for floors. Sweep out the room and dispose of any rubbish and wipe the system/panels clean.
- Do a complete check of all hardware and screws to ensure they are fully fixed and complete

Photo Gallery:









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