



DuraPlan
— RESTROOMS —

Installation Guide

Urban Flush Front Range

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.



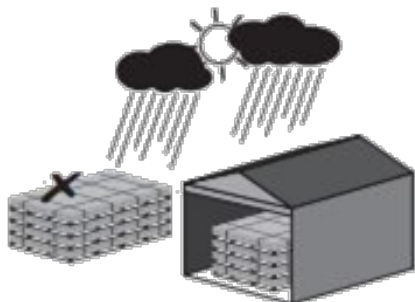
2. During storage the sheets must be parallel to the ground and aligned with each other on bearers that are evenly spaced on a flat surface. Maximum space between bearers is 600mm. Protect the sheet corners.



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



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



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

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:

Apply 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 clean water 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 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
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. 2 Square Drive and Pozi-drive
- Broom
- Small Brush & Shovel

Materials Supplied by Duraplan

- 13mm compact laminate/CDF
- Aluminium components
- Hardware
- 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.

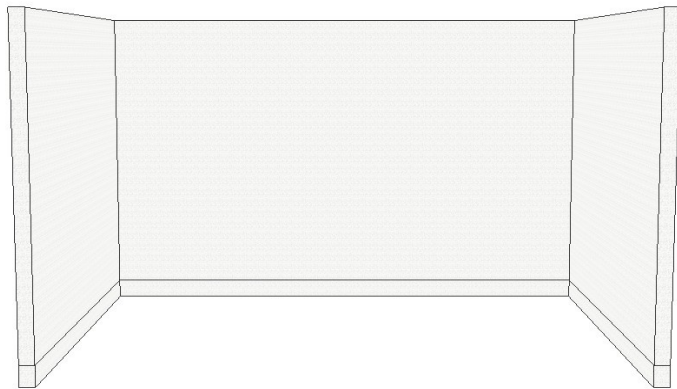
All Installation Instructions must be thoroughly read and understand prior to commencing installation:

- All walls must be straight and flush.
- The system should be dry-fitted
- Apply surface activator to where the Duralam compact laminate is being installed.
- All holes must be re-drilled using a 4.1mm drill bit
- These installation instructions must be followed in conjunction with the installation plans provided.
- Refer to the photo gallery near the end for reference and further guidance.

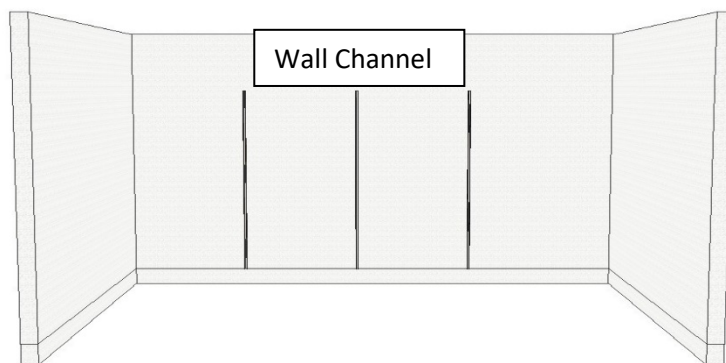
Installation Process

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.

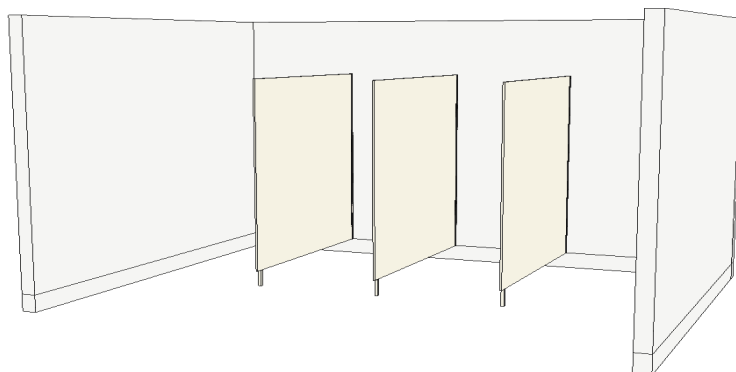


Step 3. Check the levels and find the highest point.



Step 4a. Mark out and fix wall channels in a plumb position as per installation plan measurements. Use stainless square drive 10 x 1.5-inch screws for fixing the wall channels to the wall (supplied).

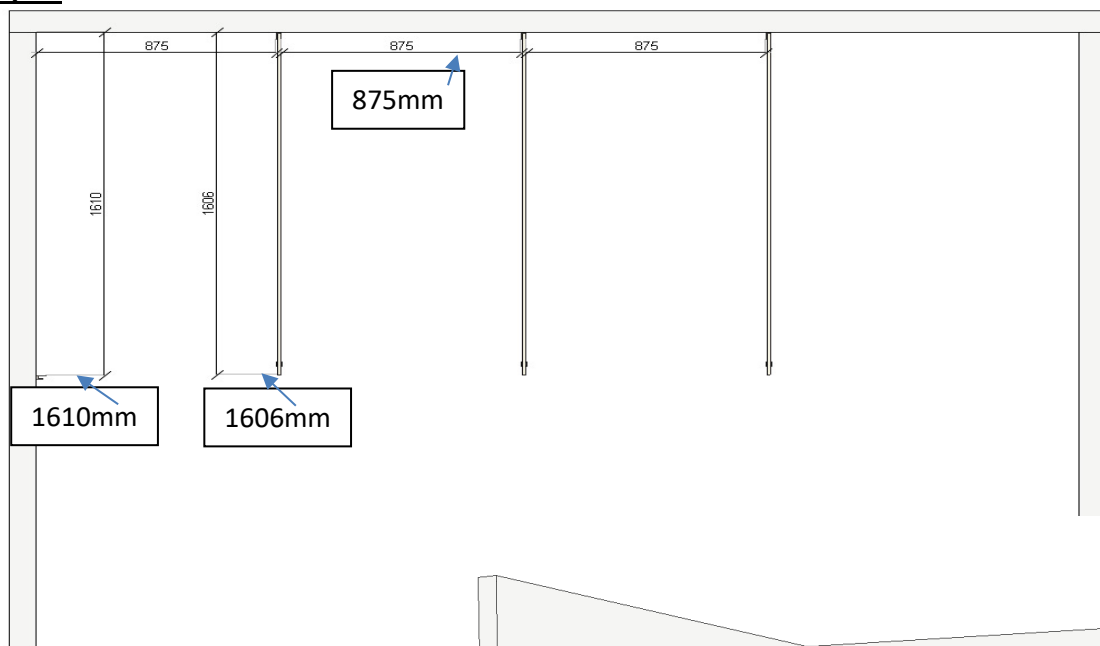
Note: It is a good idea to find out the plumbing routes in the wall first.



- b. Lift centre panels into place, slide it into the wall channel.
- c. Level the panel using the supplied blocks/packers to the correct height to a position to support the centre panels. Screw the adjustable leg on by hand, and wind out until it is tight onto the floor.
- d. Check the panel is in the correct position i.e. level, plumb, straight
- e. MAKE SURE ALL HOLES ARE DRILLED THE ENTIRE DEPTH OF THE SCREW. Drill a 4.1mm 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.
- f. Screw the panel to the wall channel using 10 x ½ stub screws (supplied)

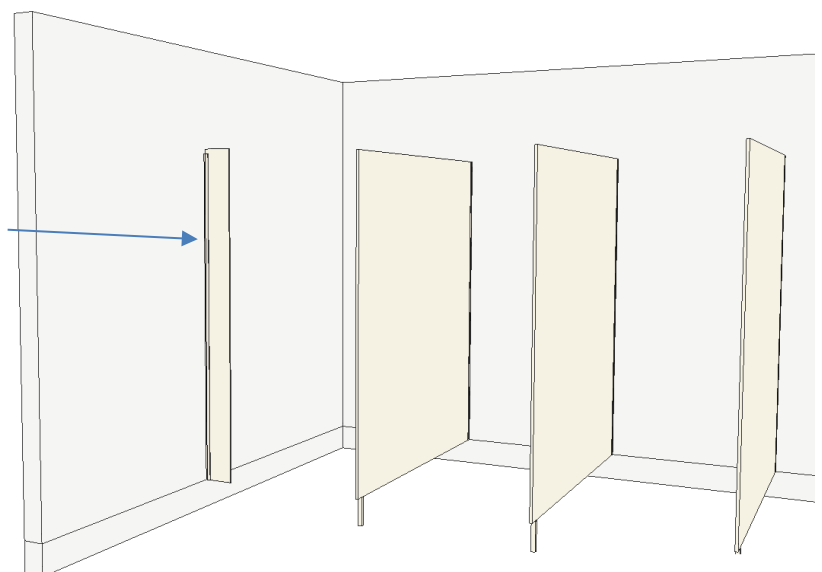
Step 5. Front Pilasters – Position and fix end pilaster wall channel 6mm further out from the end tip of the centre panels.

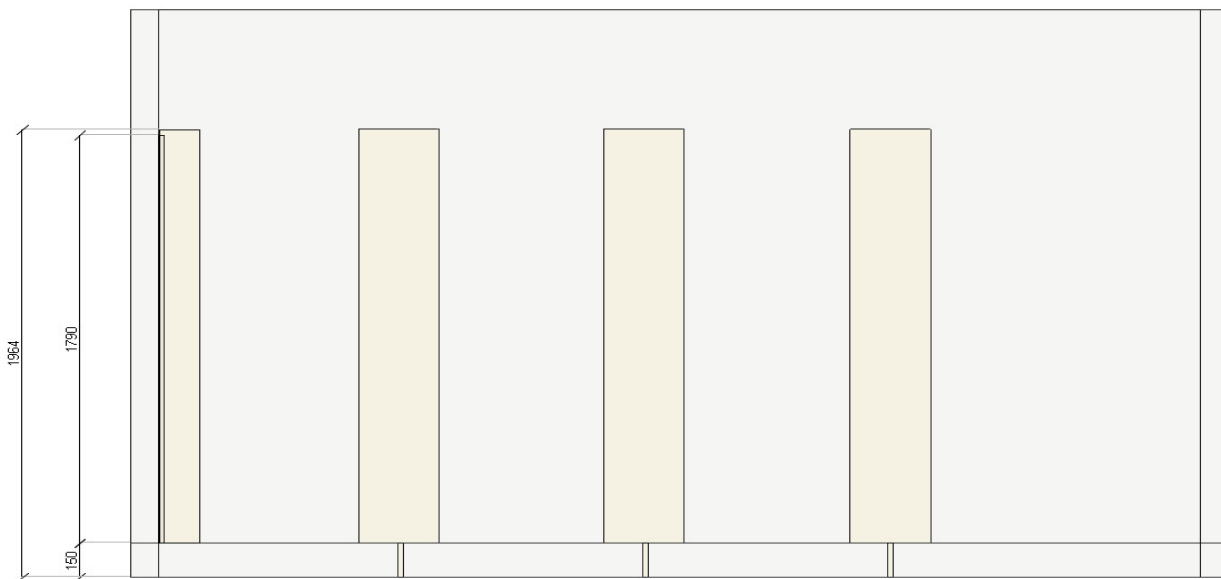
Example:



Step 6. Position and fix end pilaster panel.
 Drill + screw with 10 x 1/2 screws
 Ensure that this end pilaster will be in line with centre pilasters.
 Ensure that the height is correct.

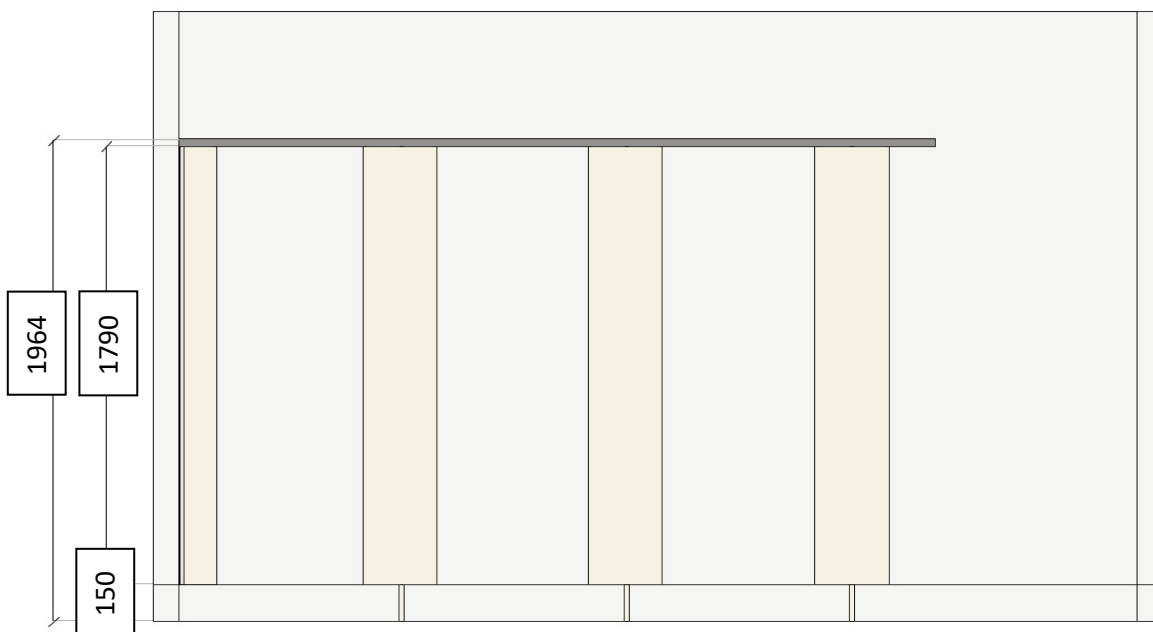
Note: It must be straight & plumb.
 This panel may need to be trimmed to the correct width.



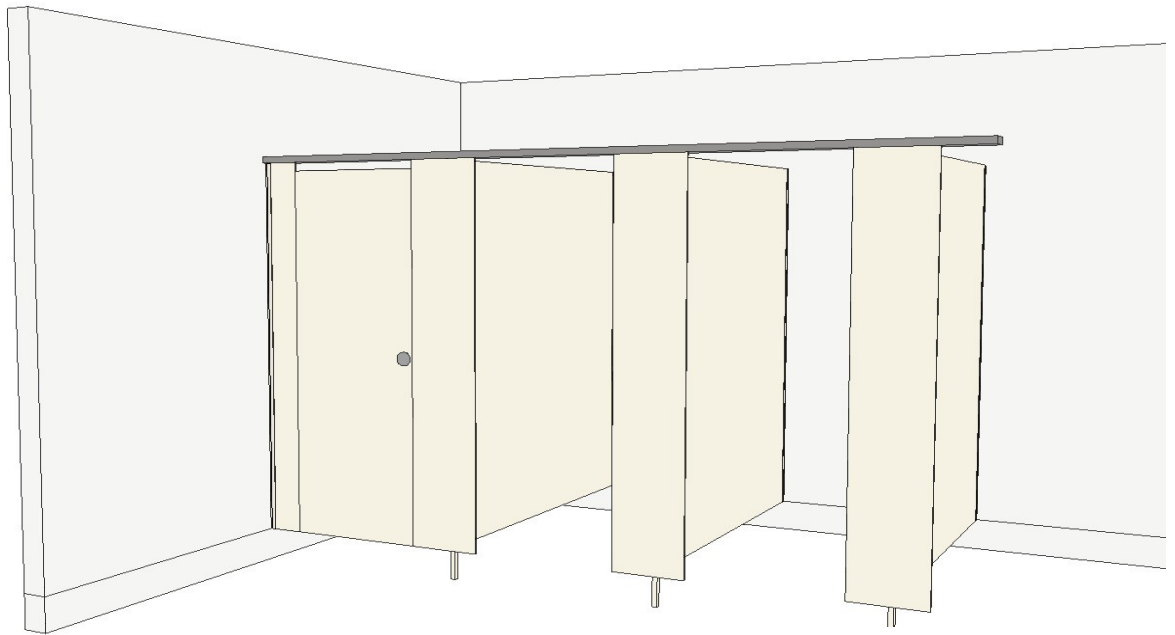


Step 7. Fit centre pilasters – ensure they are in a straight line and plumb. The space for the door should be 4-5mm wider than the door. The end panel **MAY** need to be trimmed to the correct width.

Note: Ensure that the cut-out insert on the pilaster is on the top for the headrail to be inserted into.



Step 8. Fit headrail – the top (rebated cut-out) of the front pilasters will fit into the rebate on the headrail. The infill in the headrail will hold the pilaster in the correct position. Ensure the pilasters are plumb and parallel. The space for the doors must be 4-5mm wider than the door.

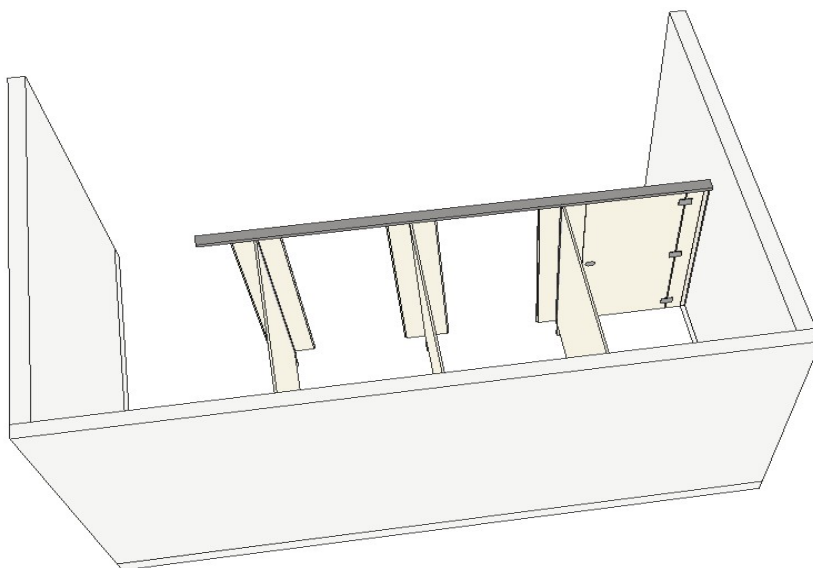


Note. Ensure pilasters are parallel and the rebated cut-outs of the pilaster are properly inserted into the headrail. Also, ensure the infill is tight between the pilasters' rebated cut-outs.

Step 9. Secure headrail at one end, fit the first door and foot – fit the three hinges to the pilaster (holes are pre-drilled). 1x self-closing hinge for the top and two fix pin hinges below.

Step 10. Fix hinges to the door using supplied screws. (holes are also pre-drilled for the doors). Ensure the hinges are straight.

Step 11. Once the first door is in place, secure the foot for the centre panel to the floor. Use supplied anchor plugs and screws. ENSURE the panel is level, plumb and straight before fixing.



Step 12. Carry out this process for each door and panel.

Note 1: Ensure the pilasters and panels are kept straight and level throughout this process.

Note 2: ENSURE there is even lines (rebated lines) down both sides of the doors. Ensure that the rebated joins meet evenly and properly down each side.

Step 13. Once all pilasters, doors and feet are installed – fix the head to the pilasters. Start with the end pilaster and secure the headrail in place by drilling down into the pilaster through headrail. Use a 4.1mm drill and fix off with a 10 x 1 screws.

Note: Before fixing the headrail to each pilaster, ensure the pilasters and doors are straight, the rebated joins meet correctly, and everything is level, straight, flush and the correct height.

Step 14. Install lock keepers to pre-drilled holes. Locks and screws are supplied. Ensure the lock is straight, and front indicator is tightly fixed using a small Allen key.

Note. Ensure the latch and inside part of the lock line up. Also, ensure the bolt and keeper connect correctly.

Step 15. Fix coat hooks/door stop in place – these must be fitted 1625mm of the floor and must be positioned closer to opening edge of the door in order 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.

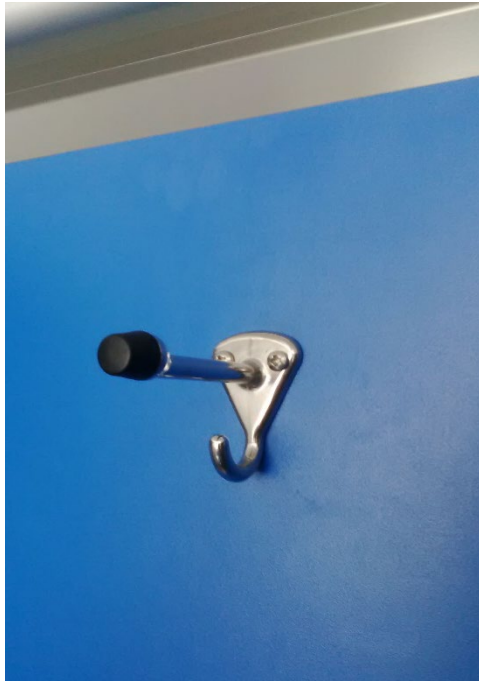
Step 16. Final check off – ensure

- Doors are sitting correctly and open/shut correctly
- Rebated lines are parallel
- 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 there is an even flush front finish to the face of the partitions
- That the mechanics of the system operate smoothly and correctly.
- Take off panel and headrail labels, 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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