



DuraPlan
— RESTROOMS —

City Trim Kindy 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



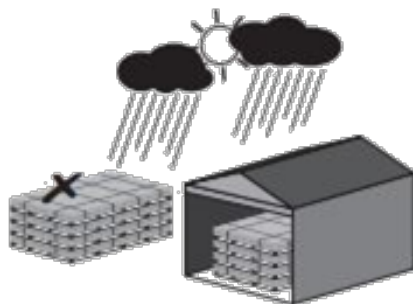
1. Compact is heavy. Ensure you use the right forklift length for the laminate stacking height and sheet size. Don't overload the forklift.



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:

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](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

Materials Supplied by Duraplan

- 13mm compact laminate
- Aluminium components
- Hardware
- Fixings

Note 1: Other power tools such as planer, 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.

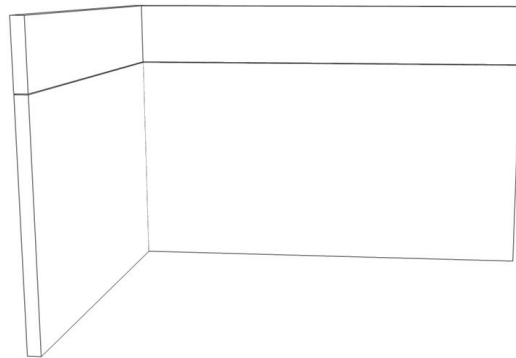
All Installation Instruction must be thoroughly read and understand before the installation process begins:

- All walls must be straight, square and flush.
- The system should be dry-fitted
- All holes must be pre-drilled using a 4.1mm drill bit
- These installation instructions must be followed in conjunction with the installation plans provided
- Refer to the photo galley near the end for reference and further guidance

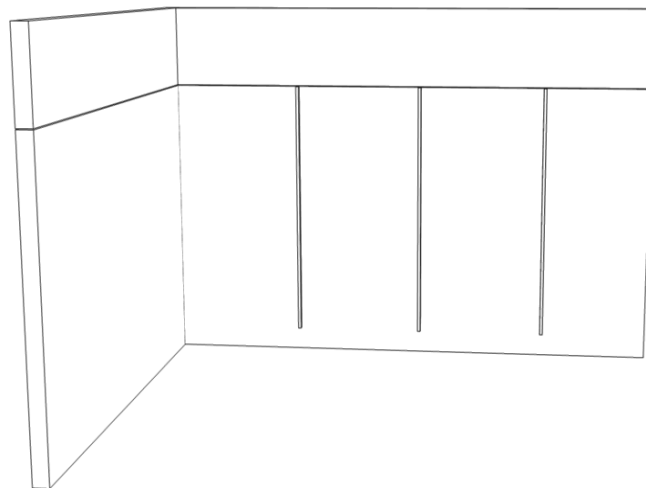
Installation Process

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.

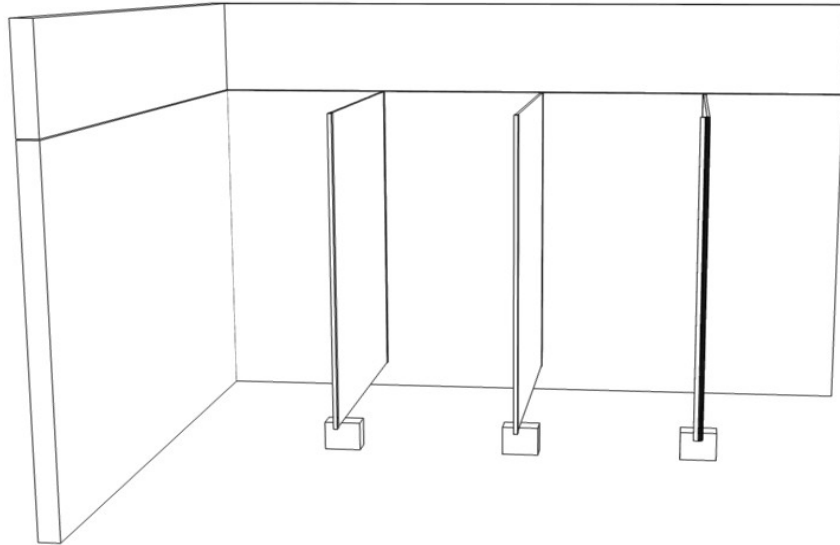


Step 3. Check the levels and find the highest point. Mark horizontal levels and wall channel positions. The height mm will be noted on the plan elevations.



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 (supplied) for fixing the wall channels to the wall.

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



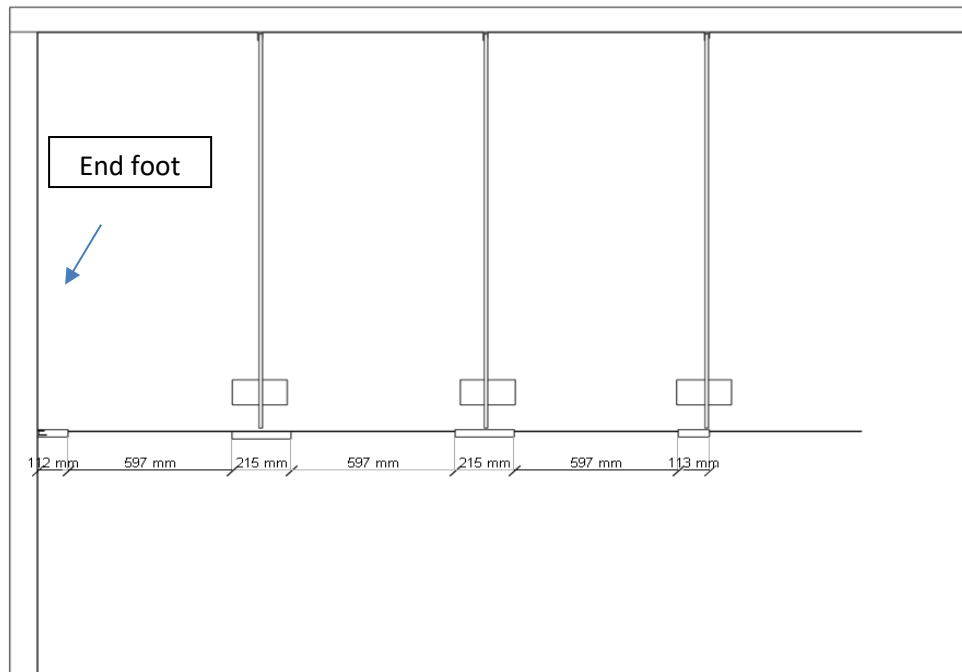
5a. Lift centre panels into place, slide it into the wall channel.

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. 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.

e. Screw the panel to the wall channel using 10 x 1/2 stub screws (supplied)



Step 6a. Mark out the foot base positions as per the installation plans. Note that each project has its own unique measurements. Note the measurement from the straight front line of the centre panels to the position of the back face of the front pilaster is 6mm minimum.

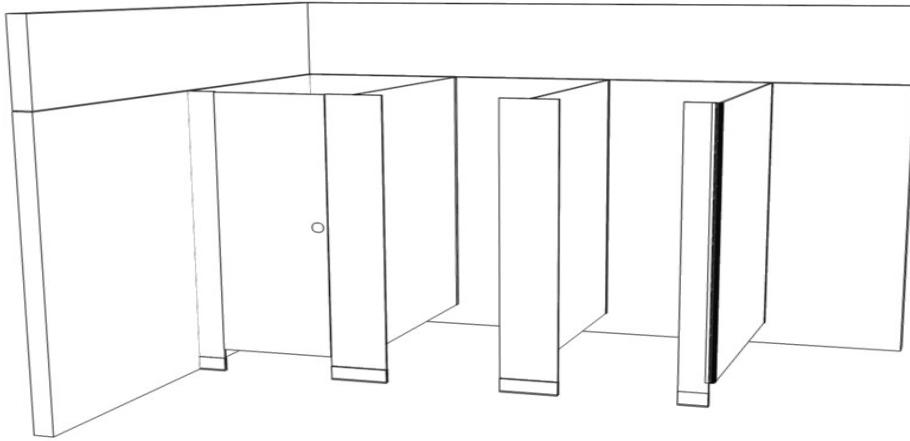
b. Mark out the positions for the City Feet.

d. Trim the end foot to ensure that the end pilasters are even or as per the plan.

c. Bolt in place End Pilaster Foot only (starting from the door hinge end). You will be checking levels as well.

Using 60mm x 8mm bolts (supplied).

For concrete use 8mm masonry drill bit. Take extra care in ensuring accuracy of the positions of the holes. Suggestion – drill a small 3mm hole first to help guide the larger 8mm drill into the correct position.



Step 7a. Mark position of side wall channels. These will have to be trimmed to length to make the top of the cubicles all level. Screw in plumb position using the SQ dive 10 x 1 ½ screws supplied.

b. Fit the side pilaster that has the door hinging off it. Make sure it is fitted plumb. Screw to wall channel using the 10 x 1/2 stub screws supplied.

8a. Fit door, screw in place.

b. Position the next City foot and make the door gaps even by placing the pilaster in place checking for plumb and level.

c. Remove pilaster, mark holes, drill and bolt foot in place.).

For concrete use 8mm masonry drill bit. Take extra care in ensuring accuracy of the positions of the holes. Suggestion – drill a small 3mm hole first to help guide the larger 8mm drill into the correct position.

d. Fit pilaster in place and screw one screw at the top of the channel to secure it to the centre panel making sure it is level etc.

e. Screw Foot to pilaster with 10 x ¾ screws supplied only in the top holes of the foot. (The lower holes have a roll pin fitted once all adjustments have been made)

f. Screw on next door and repeat **step 8a b c d & e** till all centre pilasters are fitted.

Step 9. The end pilaster foot will need to be trimmed. The panel may need to be trimmed up as well.

Step 10. Check door gaps as proceeding and levels.

Step 11a. Check all gaps, positions etc. Ensure that all adjustments are complete - Check all locks and keepers are in the correct positions for height, level, plumb and straight.

B. Make any adjustments.

c. Drill and screw off the pilasters to the centre panels

d. Drill the feet for roll pins (lower holes) using 4.9mm drill bit. Drive in roll pins to make rigid. See below:



Step 10. Fix the door stops/coat hooks in position.

Step 13a. Fit end caps to the foot bases.

b. Dry fit – dry fit the end caps to the foot bases and ensure that the pilaster is not holding the end cap apart from the foot base.

c. With the silkaflex supplied, place some glue on the foot base where the location lugs fit into the foot.

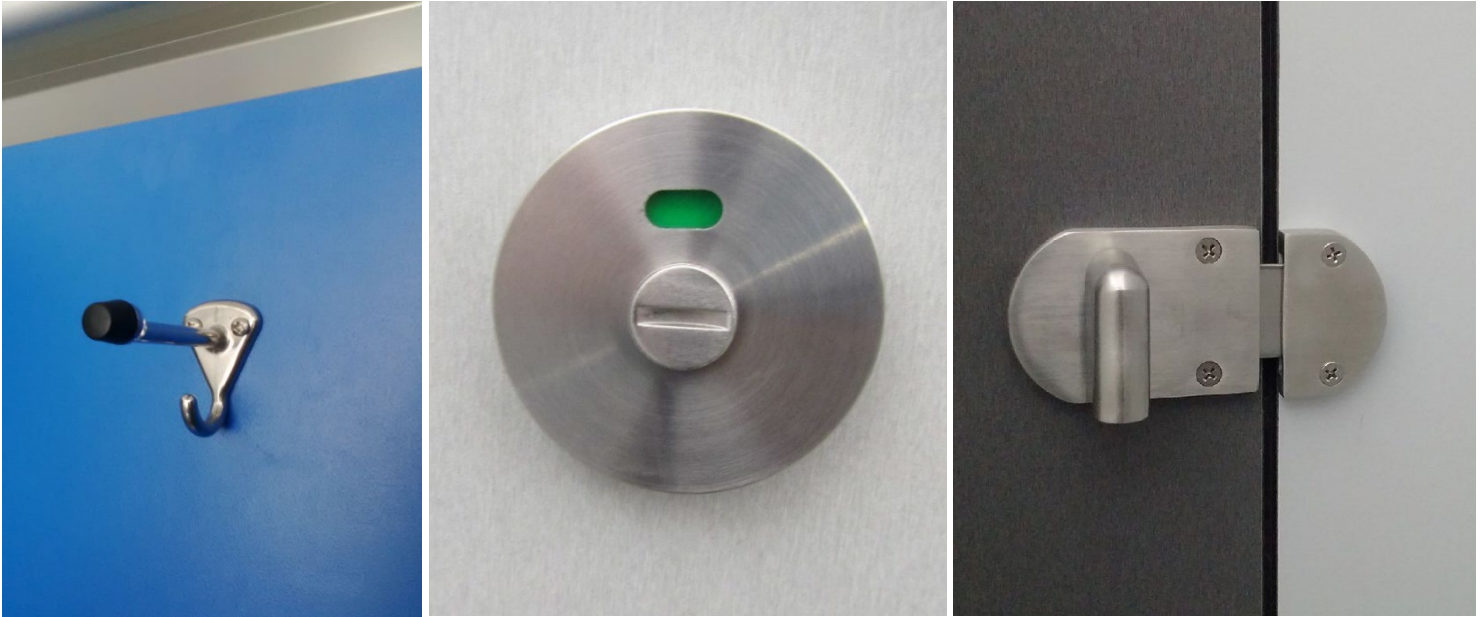
d. Fit end cap in place and remove excess with mineral turps.

e. Some tape (masking tape) may be needed to hold the end cap in place temporarily while the glue sets.

Step 14. Final check off –

- Doors are sitting correctly and open/shut correctly
- Rebated lines are parallel
- Pilasters are fixed correctly
- All feet are correctly fixed to the floor
- 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.
- Do a complete check of all hardware and screws to ensure they are fully fixed and complete
- Take off all panel and foot 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.

Photo Gallery:



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