

ClassBuilt Building Innovation:

- No Gib board or breakable linings, all walls are 36mm Thick Metra Panel.
- Ground Screw pile Technology for speed of installation, 100% reusability and adaptable to most soil types. This also works for the desks and canopy's. (standard foundations are also available)
- Acoustic portal covers, this both improves the safety and appearance of the portals by covering cabling and connector bolts, while increasing the internal acoustic value of the building.
- Production process is easily duplicated due to the modular design, Metra panel core construction and other standardised component suppliers. This is further simplified by the fact that traditional framing, Gib, lining and stopping processes are eliminated. An additional layer of moisture protection is added due to the wall linings being painted both sides.
- Option of unique acoustically rated carpet tiles. Standard carpet tiles such as the ones specified have an NRC rating of 0.15, our proposed tiles have an NRC rating of 0.30
- External planter system for effective concealment of base clad, this is a system of modular box sections that take various forms such as planters, bench seats, and air-conditioning housings. This eliminates the roof mounting of AC units whilst protecting them from vandalism
- Acoustic Serenity ceiling linings and portal covers, which create a seamless and clean finished look
- Unique SIPS panel roof, allowing increased air volume and negates the need for vulnerable suspended ceilings. This also allows us to install highly rated Serenity ceiling acoustics. The SIPS panel roof adds to the Insulation R rating taking it to R3.9 (plus the value the serenity acoustics add to this).
- The entire structure concept is amendable to being used in two story structures in the future. The canopy structure also can be engineered as a two-story structure with stairs.
- Pre-finished eve underside to allow for reflective up lighting. This reduces the potential for vandalism and lowers the electrical cost. The smooth pre-lined underside is easy to wash and doesn't allow for bird roosting. Large eve spaces are a trademark feature on all ClassBuilt buildings and greatly increase the water tightness matrix rating
- Panelised construction. The concept of pre manufacturing components has been applied to almost every component of the building. For example, the interior wall linings are all pre-CNC cut in panels up to 7.3 lm long, with millimetre perfect openings for windows and doors. This reduces/eliminates time consuming processes such as framing and Gib lining. Pre-manufactured construction extends to portals, ceiling acoustics, flooring/joists, roofing and some cladding options. Most of these items are pre painted.
- Strong steel portal construction negates the need for exposed trusses. This ensures a cleaner look and finish with less places for dust to settle.
- ClassWall has been involved in the school fit out industry for many years. We already have a complete proprietary suite of classroom interior furniture and fittings which is MLE compatible. For example, this includes, movable sound absorbent walls, sliding whiteboard systems, cubby storage, kitchenettes/wet areas and acoustic linings. ClassWall also do a range of tabling and Booth seating for more open areas.
- ClassWall due to its large school fit out experience is well versed with working in and around school sites with great attention to minimal disruption and safety.
- ClassBuilt buildings are built indoors in Eco friendly factory conditions, allowing us to maximise the re-use of left-over resources and minimize wastage. Being stored and built in completely dry conditions also extends the life of resources.
- The clear open plan footprint of the buildings we produce, means that we provide the perfect blank canvas for the interior to be set up to suit your requirements. Rooms can also be easily repurposed at a later date as there is no need to be shifting internal walls etc.