

Who knows how to build
the **fastest** quality classroom?



FAST CLASS – the smart easy build.



FAST CLASS, FIRST CLASS BUILDINGS!



The smart easy build.

Modular classrooms are the logical choice for your next school expansion project. You will save money, construction time and, most importantly, disruption around the school.

Stanley modular units are made off-site on an efficient 'indoor production-line', then delivered to your site in one or more sections. However don't confuse modular buildings with traditional temporary buildings. They are a quality product, produced through an efficient process that eliminates waste and saves time.

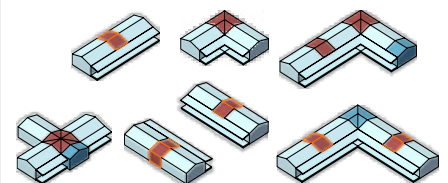
The benefits of off-site manufacture are:

- Shorter overall project programme
- Predictability, which reduces risk
- Lower project cost
- Consistent higher quality product
- Less disruption with on-site operations
- A safer construction project
- Reduced material waste
- Reduced site construction traffic
- Greater future flexibility
- Greenstar certainty
- Reduced compliance costs

Call Stanley Modular today to get your next efficient building project underway.



A range of configurations



PRODUCT BENEFITS



Modular units, fabricated off-site

Stanley Modular is changing the face of the New Zealand construction industry. You don't just save money, you get a faster return on your investment because our construction time-frames are much shorter.

Modular building is the 'production-line' manufacturing of 'modules' that make up residential and commercial buildings. Stanley's modular buildings are manufactured at our premises and delivered to your site in one or more sections. They can be a quick fix to a temporary problem, however most of the projects we deliver are an attractive, permanent solution.



Only 10 day on-site construction

For a typical double classroom, a construction period from commencement of foundations to student occupation is approximately 10 days. This represents a substantial reduction when compared to traditional construction methods. As the modular units are constructed off-site, the on-site foundation works are completed at the same time. The construction site has less impact on the surrounding site environment. On-site there are reduced numbers of workers, truck movements and general disruption to a school's day to day running.



Design flexibility to the NZBC

Each building is constructed from a series of panels to exceed Building Code performance requirements with a durability of 50 years. All our buildings are of cavity construction and, because they are built within a controlled factory environment, they are also inspected by the Territorial Authority within that same environment. Flexibility in shape is achieved through the numerous ways that panels can be joined. This provides almost limitless flexibility for room layouts and configurations.



Colour range options

Our modular units have greater flexibility for colour ranges than a traditionally constructed building. Each element in the building has a choice of colour and style. Our team will work with you to establish the colour palette for external and internal, floor, roof, wall, ceiling and joinery. A full range can be supplied on request.



Specifications and choices

A full specification is provided for each building. The main items are detailed on page 4. We will accommodate any specific product or supplier you require incorporated into your building.

A safe and healthy environment

Our process uses products that contribute to a safe, healthy built environment. We prefer products that conserve natural resources, and avoid toxic or other emissions, and save energy and water.



Warranties and guarantees

Warranties and guarantees are provided, just as they would with a traditional construction contract. There are options available to extend all warranties and guarantees beyond the standard periods. If a maintenance contract is taken out for the new building, then the warranties and guarantees can be extended for the duration of the maintenance contract. A full description can be supplied on request.

PRODUCT DETAILS

These are some of the specific product detail break downs for a typical Modular Classroom.

Floor coverings

Carpets in a variety of grades and colours are available to suit all levels of traffic.

Resource room

The shared resource room, provides a private teaching space, while allowing visibility of each classroom space through the windows.

Exposed Rafters/ Ceilings

Providing an increased internal space, our design maximises the environment within the classroom. Acoustic insulation follows the line of the ceiling, providing greater acoustic performance than a flat ceiling. The exposed rafters within a junior school environment can be used for hanging student artwork and projects.

Storage wet area

Cloakroom

The main entrance area is provided with pegs for coats etc. and a variety of storage options for bags etc can also be provided.

Foundations

With three types of foundation options to suit all ground conditions and sloping sites, site problems are easily overcome with our unique solutions. One of our foundation options is fully relocatable as well, which reduces remediation costs if future needs change.

Windows

Windows can be provided as single or double glazed, all of which come with safety glass as standard. A range of colour options is available for the joinery. Warranties for the powdercoating can be extended from 10 years to 15 years.

Flexibility

Each building consists of three types of wall panel - solid panel, door panel and window panel. These can be provided in any desired combination. As needs change, panels can be separated and additional panels inserted to allow easy expansion to accommodate a growing student population.

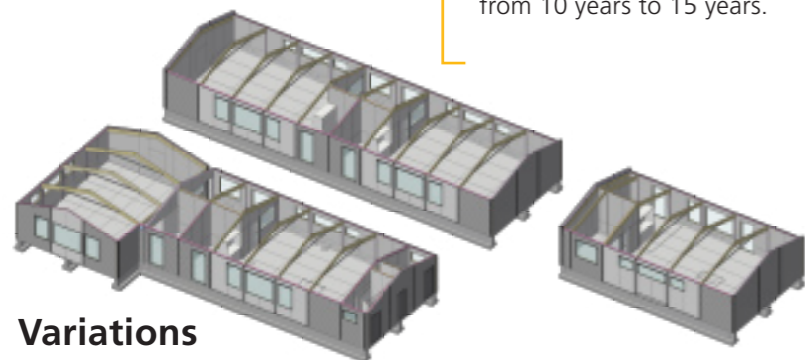
Gutters and downpipes

The buildings are provided with gutters and downpipes for connection to the on-site surface water system. The buildings can also be provided with rainwater collection tanks for harvesting.

Fire strategy

Depending on the location of the new classroom within the school, our end walls and return walls can incorporate a one-hour fire rating. There is no change to the appearance of the walls. Additional steelwork is incorporated at this point to prevent collapse in the event of fire.

Variations



SPECIFICATIONS

Roof	Colorsteel Endura
Roofline	15 degree pitch, 600mm soffit
Spouting	Colorsteel spouting, colorsteel downpipes
Wall cladding	Weatherboards (fibre cement or timber)
Window walls	Flat sheet
Window joinery	Aluminium powder coated
Window glazing	Clear, bathroom and toilets obscure Thermal resistance: 0.26 VLT 50% SC 0.65
Exterior doors	Aluminium powdercoated glazed and clear
Floors	20mm plywood
Wall linings	Autex acoustic panelling
Ceiling linings	Asona acoustic panels
Internal windows	Safety glass, choice of single, double or laminated glazing
Interior doors	Paint quality finish
Decorating	All exposed timber primed and painted, colour to selection
Wet area units	Units 600mm wide, prefinished white
Unit doors	Prefinished with 2mm PVC edge
Benchtops	Formed stainless steel
Handles	Bow, satin chrome finish
Bowl	Single bowl, stainless steel finish
Faucet	Single lever, chrome finish
Water heater	Mains pressure 25 litres capacity
Floorcoverings	Carpet, Heavy Duty Nylon Vinyl Torket
Electrical	Clipseal C series, white, layout site specific
Telephone	Provision for 2 telephone outlets
Data	Provision for 8 data outlets, location to be agreed
HVAC	8 – 10.6kw heat pump
Fire Alarm	Hard wired smoke detectors, connection to existing system if available
Security	Connection to existing security system if available
External works	Allowance for decks, ramps, steps and canopy, final layout to be agreed on-site
Site Connections	Allowances for power, water and drainage connections
Fees	Architectural, civil and structural design fees, factory building consent
Delivery	Included
Exclusions	Resource Consent, Geotech, Fire Report

Contact us now to see how The smart easy build can grow your school in a few short weeks!

Phone 09 304 2200 for more information and all enquiries.

TECHNICALS



Flexibility/Adaptability

There is a range of building layouts to suit every need. When needs change, modular buildings can be disassembled and the modules relocated or refurbished for their next use, reducing the demand for raw materials and minimising the amount of effort and energy expended to create a new building.

Modular buildings are designed to be simply and easily added to or reduced in size, with minimal disruption to adjacent buildings and site operations.

Additional modules

Toilet blocks, shower blocks, resource rooms and general space modules can be added to our standard designs.

Learning Studio Design Guide

Our design has followed the principles of the learning studio design guide. Through the use of additional 'plug in' modules the following spaces can be added: campfire spaces, watering holes, cave spaces, shared learning spaces.

Building times

On-site construction time is generally around 14 days. One week prior to arrival of the classrooms and 10 days once the classroom has arrived at your site.

Building code

All construction is to current code requirements. Building Act 2004, Building Regulations, Fire Service Act 1975, Hazardous Substances and New Organisms Act 1996.

Delivery times

Depending on quantities and specific fire requirements, single and double classrooms can be delivered to site within 10 days of a confirmed design.

Relocation

Our buildings are fully relocatable. Although not constructed like traditional relocatable buildings, our modular buildings have a cavity construction designed to code.

If circumstances change (decreasing roll), the classroom can be relocated, providing greater flexibility. Backed by a robust maintenance plan, the classroom asset is a valuable investment.

Options

All choices and decisions you would expect to make on a traditional construction project are available through this process.

Our team will work with you every step of the way to ensure the end result matches your expectations.

Acoustics

Completed classrooms have been tested by NDY Acoustics. A copy of the report is available on request, however our design meets the current MoE guidelines AS/ NZS 2107:2000.

Lighting levels

All lighting complies with AS/ NZS 1680.0: 1998.

Furniture

Furniture packages provided on request.

Insulation

Roof: R value of 2.9
Walls: R value of 1.9
Floors: R value of 1.3

Warranties

All warranties and guarantees are provided, just as they would be with a traditional construction contract. As outlined inside, these can be extended to suit specific requirements.

Funding

If funding is required, there are a range of options available which can be discussed. Please contact us if you require further information.

LCA/maintenance plans

Integrating within the HJ on-line and WebFM OMTrack systems currently utilised by the MoE, we can provide a full LCA and maintenance schedule for your new building.

This provides a structured solution to property maintenance and asset enhancement.

In addition, our warranty and guarantee period can be extended if a maintenance contract is taken out for the life of the building. Typically this works out at approximately \$20/m2 for our classrooms over the life of the building.

If funding is required, we would look to incorporate the maintenance plan within that structure.

Greenstar

Working with NZGBC, we have produced a White Paper to ascertain how factory-produced units can be incorporated within the Greenstar framework.

Each completed module will leave the factory with a 'Points Certificate'.

Once installed, this certificate is incorporated into the on-site assessment to provide a final rating. Currently the classroom achieves 38 points when it exits the factory.

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