



*It's not just a shed,
it's a Ranbuild! ✓*



Commercial Guide



Colorbond®



www.ranbuild.com.au
CALL: 1300 RANBUILD



Ranbuild Commercial Buildings is dedicated to providing the Australian commercial and industrial markets with an innovative and unique approach to the design and supply of customised building solutions.

Ranbuild work across urban, rural and remote locations Australia wide and through our dealer network, can offer a range of building options as supply only through to full supply and construct from the ground up. Ranbuild is backed and fully owned by BlueScope Steel, Australia's biggest steel supplier. That means you are buying a true BlueScope Steel product giving you peace of mind in dealing with a shed supplier who is based in Australia so any warranties, supply and materials issues can be dealt with here, not half way around the world.

We offer buildings from our standard range or we can customize any building design to be suitable for the industrial and commercial sectors, the mining and resource sector through to aircraft hangars, recreational and municipal applications.

The increased pressure of time and cost within the commercial industrial sector has lead the commercial and industry sectors to take advantage of Ranbuild's innovative solutions in either cold form or hybrid design applications. Forget traditional thinking: our solutions offer flexibility and versatility that shift current constraints.

► Benefits

When you choose to partner with a Ranbuild Dealer you benefit from the state of the art design software and world leading techniques from Australia's largest steel manufacturer, BlueScope Steel. Ranbuild Commercial Buildings will work with our Dealer and you from concept to construction to streamline your project.

- Global technology and techniques with local expertise
- Design package that increases your options to create a building to suit your precise needs
- Supply chain efficiency from design through to onsite delivery
- Custom engineered components and full building designs
- Faster project delivery means an earlier revenue stream
- Fewer suppliers reduces your contract management needs
- All BlueScope material come with full warranty for correct application

Ranbuild Accredited Dealers

There are Ranbuild Dealers that cover every part of Australia. Many will have display sites so that you can inspect and see the quality of our buildings. You can also sit in comfort with the Dealer and design the shed to your requirements using Ranbuild Design Software. Our Dealerships can also offer to arrange or assist with concreting, building assembly and council applications. Dealers will also provide all the relevant documents and engineering for submission to council for approvals.

Steel Shed Group Member

Ranbuild are members of the Australian Steel Institute (ASI), the peak body representing the steel industry in Australia. As a member, Ranbuild complies with the ASI guidelines and the building Code of Australia, giving you peace of mind that all our products meet Australian standards.



► Design and Supply in One

Ranbuild Commercial Buildings offer a unique and integrated approach that allows exceptional freedom in design to create, manufacture and supply of a complete building shell for your development. The basis of the Ranbuild system is the combination of:

- Advanced design programme used by our highly skilled in-house structural engineers
- All detailed shop drawings
- Manufacture of prefabricated Structural Steel
- Supply of roofing and wall cladding and flashing
- Delivered directly to your site and ready for outstanding speed of construction



► Structural Systems

Ranbuild Commercial Buildings are changing the face of commercial and industrial buildings. With innovative design we believe the structural system should enhance the buildings functionality not constrain your design process. All structural components are tailor made to provide a modular approach for fast and accurate installation.

Using our standard galvanised purlin system you can design a building with:

- Bays up to 12m
- Large areas of uninterrupted space
- Minimal or no interior columns to optimize cost and function
- Ability to extend and expand in the future



► Genuine Colorbond® Cladding

Choose from ZINCALUME® or COLORBOND® steel cladding in up to 22 colours, 3 thicknesses and 2 profiles for attractive building that is also durable, strong and thermally efficient. With the advanced Super Polyester pre-painted coating technology, your cladding will stay looking great for longer. The superior oven baked finish resists chipping, peeling and cracking.



► Roof and Wall Cladding Profiles



LYSAGHT CUSTOM ORB®

has a corrugated profile, equally at home with traditional and contemporary design. It is long, wide, strong, lightweight and economical and can be aligned quickly and easily.



LYSAGHT TRIMDEK®

is made of high strength steel and despite its lightness, provides excellent spanning capacity and remarkable recovery after deformation. Please note that LYSAGHT TRIMDEK® does not come pre-punched.

► Standard Commercial Range Specifications

	Gable Roof	Multispan	Monoslope
Span	Any clear span from 6m to 35m	18m to 60m in 3m increments	Clear spans of 6, 7.6,9 and 12m
Length	Any length – minimum of 2 bays	Any multiple of bays – minimum of 2 bays	Any multiple of bays – minimum of 2 bays
Height	Any wall height from 2.5m to 8m	Wall heights from 3m to 7.3m	Wall heights from 3 to 4.8m
Roof	10 or 26* degrees pitch	5 or 10 degrees pitch	Approx. 3 to 5 degrees pitch
Bays	3m to 9m open or enclosed	3, 3.8, 4.5, 5.3, 6 and 7.6m	
Materials	<ul style="list-style-type: none">• Galvanised steel back to back C section mainframe columns and rafters• Galvanised steel C section, bolt fastened roof purlins and wall girts• Preformed galvanised steel apex connectors, braces and footing base plates• High tensile steel, zinc plated cast-in footing anchor bolts• Zinc plated high tensile steel to steel bolts, washers and nuts• Long life, class four self tapping roof and wall cladding fasteners• Genuine Zincalume® or Colorbond® steel cladding to roof and enclosed walls• Custom formed high tensile steel barge, ridge and corner flashings		
Features	<ul style="list-style-type: none">• Fully bolted main and sub frame connections• Choice of two cladding profiles and thickness• Enclosed, open and partly open bay combinations• Clear span design with minimum loss of internal space• Wide ranges of proven and tested standard designs• Models for 41, 47 or 55m/s wind speed areas		
Optional Extras	<ul style="list-style-type: none">• Gable infills, side and end curtain walls• Truncated beams for wide bays or openings up to 12m• Eaves overhang or cantilever roof extensions• Full size commercial grade rectangular gutter and down pipes• Sliding side and end wall top hung doors• Up to 5m wide roller doors in side and end walls• Steel framed personnel access and fire exit doors• Aluminium framed sliding glass windows• Framed openings for sliding glass doors• Reinforced fibreglass roof skylights and wall highlights• Passive or rotary roof and wall ventilators• Full height partition and dividing walls• Side wall awnings and annexes• Foil backed roof and wall insulation• Load bearing Mezzanine sub floors• Experienced erection teams		
Documentation	<ul style="list-style-type: none">• Comprehensive 60 page illustrated erection manual• Fully detailed architectural, steel marking and footing drawings• Printed Bill Of Materials showing quantities and part numbers• Certified engineering drawings for building approval		
Warranty	Framing and cladding materials guaranteed by BlueScope Steel for up to 15 years (conditions apply)		
Delivery	Australia wide from factories in every state		

Some limitations apply to the above specifications in high wind speed and cyclonic areas. All dimensions are nominal and generally rounded to the nearest 100mm. *26 degree pitch only available on spans less than 10m.

► Mining & Industrial

Custom Commercial Range

The key to Ranbuild Commercial buildings efficiency is the combination of the design program, manufacturing of the modular pieces and seamless delivery of a quality and durable solution.

Our advanced design technology can cost-effectively create designs that allow buildings with spans up to 40m across in cold form design and even larger using other building methods.

Ranbuild and its Dealer network are progressing to develop strong relationships with some of Australia's Engineering Procurement Construction Management (EPCM) companies servicing the mining industry. This development

is growing partly due to the flexibility within the Ranbuild building design, but also the capabilities of our network to service their customers' needs for a full design and construct solution.

Ranbuild Commercial Buildings takes full responsibility for the design, manufacture and delivery to site of the building shell. That includes all components – structural, roofing, rainwater goods, fasteners and accessories.

Our buildings can be custom designed and manufactured to precise specification including factory punching. This modular approach to constructions results in unbeatable speed to completion delivering a building ready for occupancy.



Versatility of Design Options

The Ranbuild cold form only or cold form/hot rolled hybrid system has defined the future of building with a modular approach. The reason Ranbuild Buildings are used in a wide range of applications is its versatility to overcome design obstacles and enhance the options.

Consult with a Ranbuild Dealer early to optimize and value engineer your next project.



► COLAS

Unlike fabric covers that allow some penetration of harmful UV rays, Ranbuild's 'Schoolmaster' designs provides solid shade and maximum shelter from the sun and rain. Schoolmaster covered outdoor learning areas (COLAs) come in a wide range of shapes and sizes with models suitable for small lunch areas or large playgrounds.

All main structural members are fabricated from premium quality galvanised steel, fastened with high tensile grade 8.8 zinc plated bolts and nuts. Sub frame members are bolted between the main frames to prevent twisting and distortion under wind load.

Safety and security under cover are also important. Ranbuild have removed the potentially dangerous diagonal wall braces and replaced them with lateral braces high up the columns and out of harm's way. Ranbuild COLAs also feature unique 'folded edge' column flashings to reduce the risk of contact with sharp metal edges.

Extra protection is available with the addition of curtain walls and gable infill's. These low cost and functional additions provide a barrier from wind or driving rain on higher buildings constructed over ball courts and other sports areas.



► Shelters



Community halls, exhibition centres or gyms are just a few of the recreational applications of Ranbuild shelters, providing excellent cover and security for indoor sporting fields and courts, swim and recreation centres.

The buildings can be simply insulated or fully lined to assist air conditioning and sound attenuation.

Industrial applications include produce storage, equipment shelters, covered working areas and multiple bus, truck or car ports. With a Ranbuild shelter, goods can be loaded and unloaded day or night, hail, rain or shine, 365 days of the year.

Large span shelters with added awnings or annexes provide additional cover at a lower cost. They are great for sports arenas, show societies, or equine centres where the extensions can be used for spectator seating amenities, animal enclosures or storage.

► Aircraft Hangars

The Ranbuild Airmaster Hangar range of buildings has been specifically developed for the small to medium aviation industry. They are available with COLORBOND® or ZINCALUME® steel cladding and there are models to suit just about any small to medium fixed wing or rotary aircraft.

Ranbuild hangars include the unique, maintenance-free 'wind lock' sliding door system which is world renowned for ease of use, reliability and security. Modular construction allows you to choose any length. The design can also be adapted for aircraft maintenance workshops, with provision for offices, amenities and mezzanine floors for extra storage.

Obligation on-site free consultation service is available on request.



► Retail & Manufacturing



Choose from either our standard Covermaster range of buildings or have a customised building designed for your specific purpose. With extra-large bays and long spanning ability.

- Spans greater than 40m and bays up to 9m, wall heights to 14m
- Strap or Rod bracing in roofing and walls to reinforce the system strength
- Increased design flexibility
- A choice of walling options to suit your aesthetic needs



// PROJECTS



// RIO TINTO Recreational Area

This building at RIO's Marandoo Mine facility near Tom Price in Western Australia is a testament to what Ranbuild design can do. The Mono-slope structure was designed to Wind Region D, Terrain Category 2 with an importance level of 2. Full internal pressure design to ultimate state of 88mps. The Building was constructed using TAG contractors.



// Commercial Development - Gladstone QLD

This is a commercial development completed in Gladstone QLD. The client wanted an alternative to Hot rolled section and Tilt Panel. Our Cold form design and Blue Board panel design was the most effective solution.



// Universal Beam Crane Shed - Oceanic Offshore

The building above is a Cold Form building that was designed and supplied from our Forrest field site in WA. Our dealer Steelcraft Constructions completed this project and has since won another contract to supply additional building on this site.



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^Warranty subject to application and eligibility criteria. For full terms and conditions and to determine the eligibility of your building for the warranty visit bluescopesteel.com.au/warranties or call BlueScope on 1800 800 789.

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For the complete range of Ranbuild products visit
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