



**BLUESCOPE
LYSAGHT**

BUILDING SOLUTIONS



RANBUILD

fast and light

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The RANBUILD® Range.

Every building in the RANBUILD® range has been designed to give you the strongest, most reliable building possible. The light-weight cold-form galvanised steel framework provides strength and versatility not available in other building types. Couple this with lower cost compared to a custom made building and you have excellent value for money. With over 60 years experience in Australia, RANBUILD® buildings are well and truly tried and tested. RANBUILD® was introduced in Asia since 2010. RANBUILD® Indonesia is a building solutions provider under BlueScope Lysaght Indonesia.



Versatile

RANBUILD® buildings cover a wide range of spans, lengths and heights. The modular system allows you to customise the building to suit everything from your businesses needs to the location. Choose long lasting ZINCALUME® or one of the many colours available in COLORBOND® steel cladding and you'll have the perfect building.

Durable

RANBUILD® buildings are manufactured from quality made steel products, for added strength and durability. Cladding are guaranteed by BlueScope Steel Indonesia. RANBUILD® designs are fully engineered in accordance with documentation to simplify building approval.

Economical

All buildings come in kit form, complete down to the last washer. The galvanised components are pre-formed to give you optimum value for money.

Adaptable

RANBUILD® designs are more than just buildings. There are a host of add-on extras such as personnel and vehicle access doors, awnings and annexes. There's also a range of windows and translucent wall and roof sheets to provide natural lighting. You can also add ventilators and insulation to make the building the way you want it.

Choice

One of the unique advantages of the RANBUILD® building range is it allows you to choose different type of building construction from the heavy duty clear span gable roof series.

COMMERCIAL



Multispan Solutions

RANBUILD® buildings can form into a multispan buildings by having gutter at adjoining buildings. This will do the job at a lower cost.



Value and Appreciation

Commercial traders need buildings that not only look good, but are functional, weather proof and secure. Light weight Galvanised steel frame, metal clad buildings require minimum maintenance.

Customised for Your Purpose

Roller doors, horizontal sliding doors, steel partition walls, and internal insulation are standard options. With RANBUILD® you can order framed openings to allow for showroom windows or maybe a brick feature wall. Add a decorative awning with contrasting colours and you have a shop or retail premises.



Fitting Out was Never Easier

Add an annexe to extend your covered area or use as a goods inwards and outwards location. There's also steel framed partition walls for offices and amenities to match the quality of the rest of your building.



INDUSTRIAL



Faster Solution

RANBUILD® can cover almost anything used for small medium industry (SMI) and small medium enterprise (SME) sector. The light-weight cold-form galvanised steel buildings that help reduce cost and improve time-to-market.

Modular Structure

Partition walls for offices and amenities are steel framed and clad to match the quality of the rest of your building. Fibreglass reinforced or polycarbonate skylights and wall highlights add natural lighting to work areas and save electricity.



Success of Your Business

No matter what business you're in, the fundamental requirements are the same. Suitability, reliability, accessibility and security of your premises are important to optimise and maintain production. Whether you are a mechanic, fleet operator, furniture restorer or machine shop, RANBUILD® have a design for you.



Expandable for Your Future Needs

Sometimes there is a need for a building to do a special job. Rather than pay for a one-off custom building at a premium price, RANBUILD® can often provide a lower cost alternative from their standard range. No one provides a bigger, better range of commercial and industrial designs than RANBUILD®.



AGRICULTURE



Production and Storage

RANBUILD® can cover almost any produce from a plantation. If you have lots of commodities in rectangular, square or round bales, a RANBUILD® building will cover it. Your shed can also be used to protect fertilizer, cocoa, pepper, rice, palm oil, timber and tobacco.

Size is no problem

Big or small, there's a RANBUILD® building to fit your situation. With clear spans ranging from 4m to 35m and bay widths from 3m to 9m, almost anything is possible. RANBUILD® buildings are extendable too. You can add extra bays to the length and awnings to the sides right from the start or later as your requirements increase.

Cost effective

There is no more cost effective plantation building than a RANBUILD® building. The value of commodities saved will repay the price of the shed in only a few years. Standard options such as side and end walls overhang or gable infill can be added as required to provide additional protection at a low cost.



STORAGE



General storage

RANBUILD® designs not only look good, but are functional, weather proof and secure. With a RANBUILD® building, goods can be loaded and unloaded day or night, hail, rain or shine, 365 days of the year.



Livestock shelters.

Protect your valuable animals with a hygienic and low maintenance paddock shelter. Choose from gable roof designs, partly enclosed or open. RANBUILD® livestock shelters may also be fitted with modular stable panels to make a low cost set of stalls.



Stockyard shelters.

Clear span gable roof shelters provides all weather protection for important working areas. Reduce animal and operator stress, and get the job done even if it's raining cats and dogs. Solid shade shelters are one of the best ways to help prevent skin cancers or other ailments caused by ultra violet and infra red rays from the sun.



MACHINERY STORAGE



Value and appreciation

Plantations need buildings that not only look good, but are functional, weather proof and secure. Galvanised steel frame, metal clad buildings require minimum maintenance and maintain their appearance for years.



Customised the way you want it

Roller doors, sliding doors, steel partition walls, windows, skylights and internal insulation are just some of the standard options. RANBUILD® designs are modular design allowing you have a mix of bay sizes in the one building. You can also have fully open ends or extra wide bays for broad acre implements.

Large spans

We can provide clear span buildings to protect large floor areas at lower cost. If a row or two of internal columns don't represent a problem then a RANBUILD® Multispan building will do the job at a lower cost. No box gutters to overflow or block-up either.



Functional

Some plantation owners just want an open side shed to protect their vehicles and implements. Others prefer to have areas designed for specific use such as a workshop, store room or garage. With a RANBUILD® design it is possible to have almost any combination under the one roof.



MASS HOUSINGS



Provides suitable housing in any location

RANBUILD® is the best possible choice to make a suitable and low cost housing. No matter what size and model of housing you have, there is a RANBUILD® to suit. They are available with COLORBOND® or ZINCALUME® steel cladding and there are models to suit just about any location.



Big or small, the RANBUILD® can be customised to protect almost any housing. Modular construction allows you to choose any length. The design can also be adapted for multipurpose workshops, with provision for offices and amenities for extra storage.

Standard options include personnel and vehicle access doors, insulation, skylights, wall lights, and ventilators.



SPORT ARENAS



Protection from the Elements

Unlike fabric covers that allow some penetration of harmful UV rays, RANBUILD® designs provides solid shade and maximum shelter from the sun and rain. RANBUILD® sport arena come in a wide range of shapes and sizes with models suitable for small lunch areas or large playgrounds.

Nothing is spared in the design of buildings for your children's protection. 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® also feature unique 'folded edge' column flashings to reduce the risk of contact with sharp metal edges.



OTHER SOLUTIONS



Equestrian centres, riding schools, pony clubs or just for fun, a covered riding area can be used all year round. RANBUILD® riding arenas can be up to 7.2m Height for open cladding.



RANBUILD® are the best protection for your aircraft. No matter what make or model you have, there is a RANBUILD® to suit.



What makes RANBUILD® better?



1 RANBUILD® buildings have a framing system like no other. The galvanised steel components bolt together for added strength and longer life under all sorts of applications.



5 RANBUILD® unique modular system means you can add bays of various sizes to make the building fit your site. Bays may be open, enclosed or supplied with a variety of standard options.



2 The back-to-back galvanised steel intermediate columns and rafters provide a strong and functional frame at a lower cost than comparable hot-rolled or fabricated members.



6 All window and door openings are fully framed for strength and reliability. You can add vertical roller doors or top hung horizontal sliding doors almost anywhere around the building.



3 Galvanised steel C section roof purlins and wall girts are flush with the outside of columns and rafters. This allows for smooth, continuous cladding without reducing valuable internal space.



7 Choose from the extensive range of durable and attractive COLORBOND® or ZINCALUME® steel cladding. Cladding materials are guaranteed by BlueScope Steel Indonesia for up to 15 years (conditions apply).



4 All nuts and bolts are made from high tensile steel, zinc coated for added protection. When cast into the concrete footings, the anchor bolts guarantee secure fastening down in all weather conditions.



8 Optional extras includes awnings, annexes, windows, skylights, insulation and ventilation items. Just about everything you need to make your shed the way you want it.



9 RANBUILD® design range covers almost all site and wind code requirements.



With these options, you can design the perfect building for your needs.



Sliding Doors

RANBUILD® are industry leaders for steel sliding doors. Fully enclosed top tracks house multi ball bearing carriage assemblies. Galvanised steel frames and high tensile cladding are used for their strength and appearance.

Access Doors

Steel framed, metal clad personnel access doors provide security and heavy duty service. Knob fittings are supplied as standard or internal lever action latches can be ordered for exit doors.



Overhangs

One of the great strengths of Ranbuild's is the ability to support eaves overhangs and cantilever roof extensions. Where extra weather protection is needed around windows or doorways, a cantilever roof extension is the natural solution.



Awning

Increase your covered floor space with an awning or annexe. Awnings are enclosed on the roof only for traffic and air movement. Fully closed annexes provide total security and weather protection



Natural Lighting

Save electricity costs and fit your building with skylights or wall highlights. A wide range of sliding windows can be fitted to walls almost anywhere around your building. All RANBUILD window opening are fully steel framed.

Rainwater Goods

If you value rainwater run-off, you won't find a better gutter and down pipe system. The large, coated steel, rectangular down pipes and square profile gutters are also designed to match the cladding of your building.



Ventilators

Wind-driven roof ventilators exhaust hot, stale air from buildings, allowing it to be replaced at low level with fresh air at ambient temperature. The result is a more pleasant and healthier working environment, resulting in improved productivity.





Roller Doors

Roller doors are the ideal choice for industrial and commercial applications, as they provide high standards of durability, performance and importantly, operational ease.

Designed to prevent the penetration of moisture and dust, roller doors minimise the chances of corrosion, and protect against dirt, leaves and weather.

While strength is an obvious priority, you can still maintain the attractive appearance of your building with doors available in a range of COLORBOND® and ZINCALUME® Steel for compatibility with cladding materials.

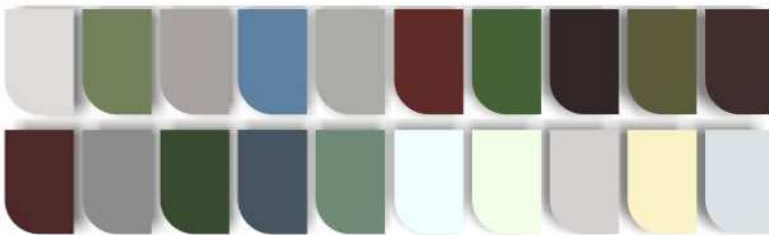
You'll enjoy smooth, quiet operation from both the manual and electronic doors. All doors custom made to suit your application, so there's no compromise on functionality.

Shop Fronts

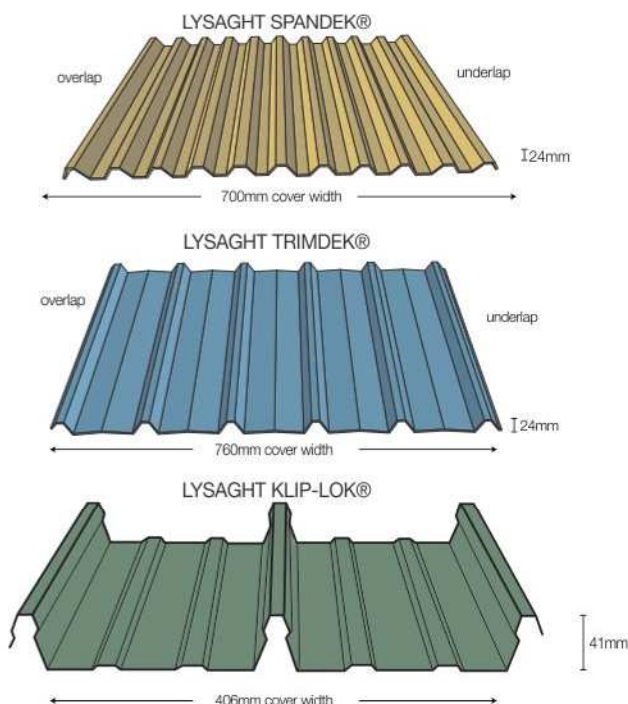
RANBUILD® buildings may be ordered with matching steel-framed openings in side or end walls to accommodate custom supplied items such as glass shop fronts, masonry work or other decorative features or finishes.



Colour Your World



We recommend checking your chosen colour against an actual sample before purchasing.



Quality Cladding

Choose from ZINCALUME® or COLORBOND® steel cladding in up to 20 colours, 2 thicknesses and 3 profiles for attractive building that is also durable, strong and thermally efficient.

With the advanced Super Polyester pre-painted coating technology, your roof will stay looking great for longer. The superior oven baked finish resists chipping, peeling and cracking.

COLORBOND® steel cladding is non-combustible, termite resistant and weather tight for protection against harsh conditions.

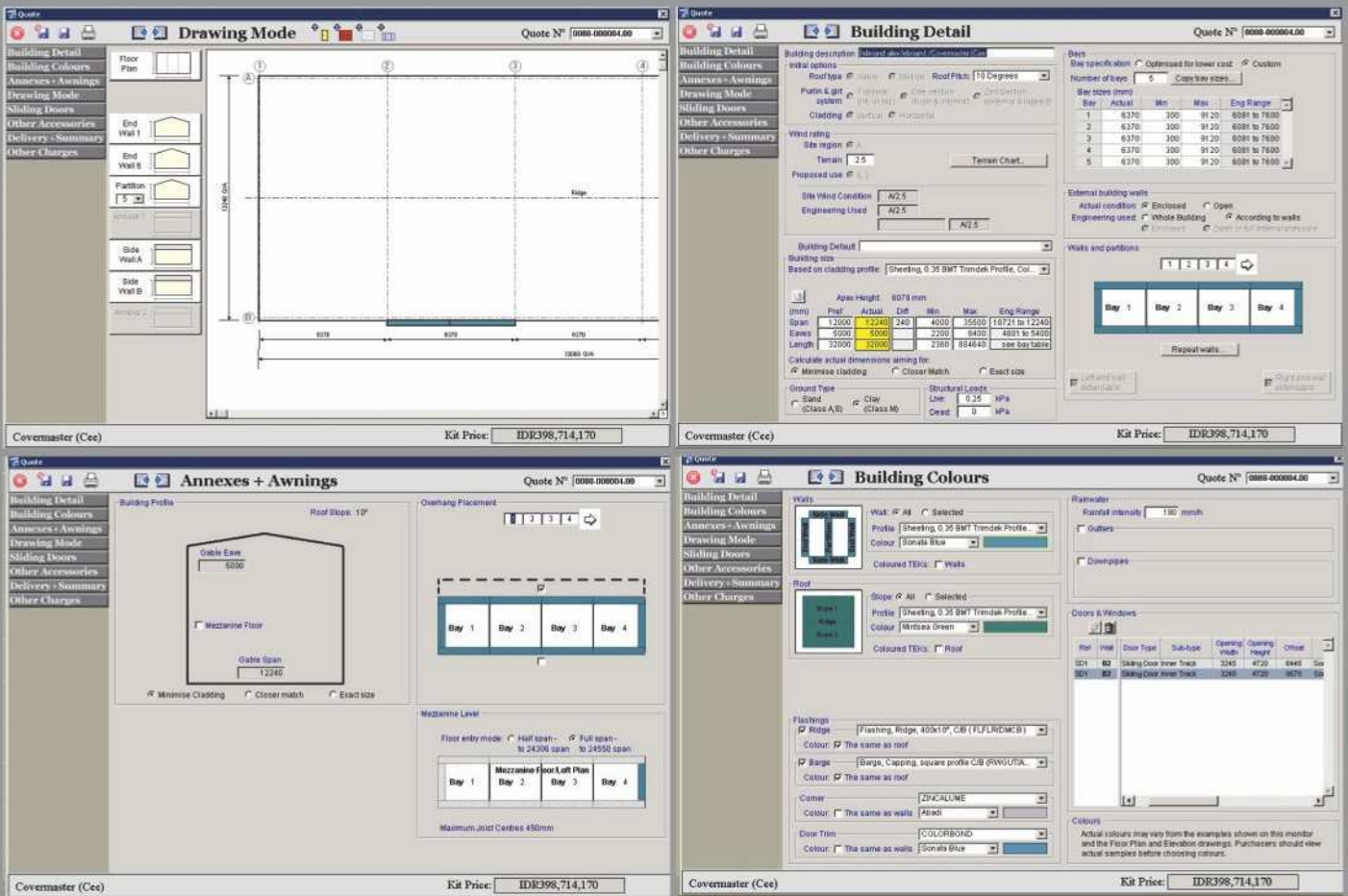
Profiles

LYSAGHT SPANDEK® is a trapezoidal steel cladding. It has a stronger, bolder and more modern corrugated appearance that provides a contemporary cladding designs.

LYSAGHT TRIMDEK® is a subtle square fluted steel cladding. It has bold, widely spaced ribs and is available in long lengths making it more economical.

LYSAGHT KLIP-LOK® is a strong, durable, versatile, long length roof and wall cladding. It combines the strength of steel, smart fluted pans and lock action rib design which, together with concealed fastening, enables its use on applications from low pitched roofs to verticals.

RANBUILD® DESIGN SYSTEM



RDS (Ranbuild Design Software) is the core of RANBUILD® solutions. RDS provides quotation, architectural drawings, engineering drawings and construction drawings accurately within 30 minutes to fulfill customer's needs. With almost immediate quotation and design plans generation, RANBUILD® helps customers to make decision quicker and accurately, without any hidden cost. RDS is conducted online. Information relating to design and construction is continuously updated and checked regularly. Customers always receive the latest improved design. All structural designs are checked using RDS to ensure it is optimized for cost and efficiency.

PURLINS & GIRTS



LYSAGHT® Zed and Cee sections are accurately roll-formed from high-strength zinc-coated steel to provide an efficient, lightweight, economical roofing and cladding support system for framed structures. It complies to AS1397-1993

Thickness (BMT)	Coating Mass (g/m ²)	Yield Stress	Standard
1.5 mm	275 / 350	450 mpa	As1397 - 1993
1.9 mm	275 / 350	450 mpa	
2.4 mm	275 / 350	450 mpa	
3 mm	275 / 350	450 mpa	

REFERENCE



Pergudangan



Pabrik



Perumahan



Lapangan olahraga indoor



Alfa One



Pergudangan



Industrial



Komersil



Komersil



Bergudangan



Perumahan



Perumahan



Pergudangan



Gudang telur



Kafetaria



Workshop



KPL Surabaya



Covermaster



Carport



Carport

SPECIFICATIONS

GABLE ROOF

Spans	Any clear span from 4m to 35m
Length	Any length - minimum of 2 bays
Materials	Any wall height from 2.4m to 8.4m
Roof	10 degrees pitch
Bays	3m to 9m open or enclosed
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
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
Documentation	<ul style="list-style-type: none"> Comprehensive 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 Cladding materials guaranteed by BlueScope Steel Indonesia
Building Codes	Comply to design codes AISI – 1996 and AS 4600-2000
Warranty	Cladding materials guaranteed by BlueScope Steel Indonesia for up to 15 years (conditions apply)

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