

www.colby.com.au

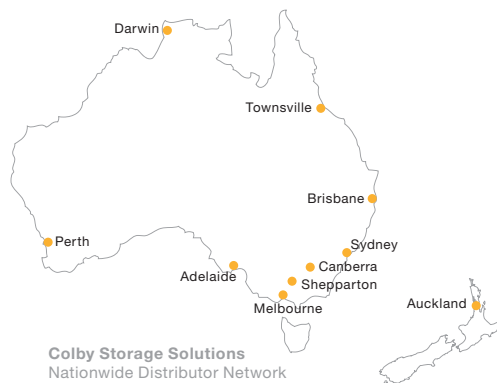
Colby Storage Solutions

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About Colby Storage Solutions

Colby Storage Solutions is one of Australia's best known and respected suppliers of innovative, high quality storage solutions. With more than 40 years experience in providing reliable and cost effective solutions, Colby combines the flexibility of a national network of independent distributors with the resources of global materials handling specialist Dematic.



Colby products are designed, engineered and manufactured by Dematic Pty Ltd.

Your Local Distributor

Raised Storage Solutions



Colby Raised Storage Solutions

The economical way to create more space in your warehouse



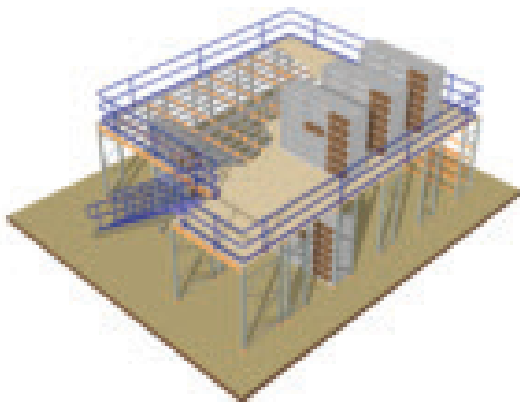
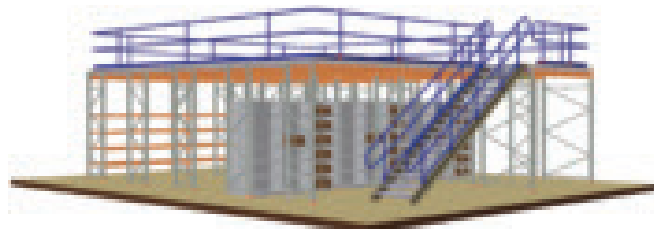
Colby Raised Storage Areas are cost effective solutions that can double the usable floor area in your factory or distribution centre. Safe and secure, a Colby Raised Storage Area provides access to an overhead work area without interrupting ground level workflow.

A wide range of Colby Raised Storage Areas have been developed to cost effectively provide more useable space.

Low cost, medium-duty floors can be designed using standard pallet racking components. In heavy duty applications, structural columns are combined with Colby beam sections which provide the necessary floor span and load carrying capability.

Our new Raised Storage systems are designed to increase the capacity of your existing facility, often negating the need to move and the associated relocation costs.

Colby Raised Storage Areas are purpose designed to meet your particular requirements and can be used for bulk storage, order picking areas or even as additional office space.



Our team of storage professionals has the experience to design and develop a new Raised Storage Area for you.

Contact us to discuss your requirements and the benefits a raised storage area will bring you. The result is a system that gives you the best value for money as well as peace of mind that your new floor meets all relevant structural design standards.

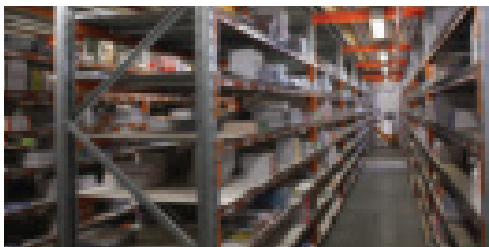


- Utilises free overhead space saving the need for relocation
- Safe and secure operation meeting the highest standards in design
- Easily integrated with stairs, handrails, conveyors, pallet gates, and other lifting and loading devices

Medium-Duty Flooring System

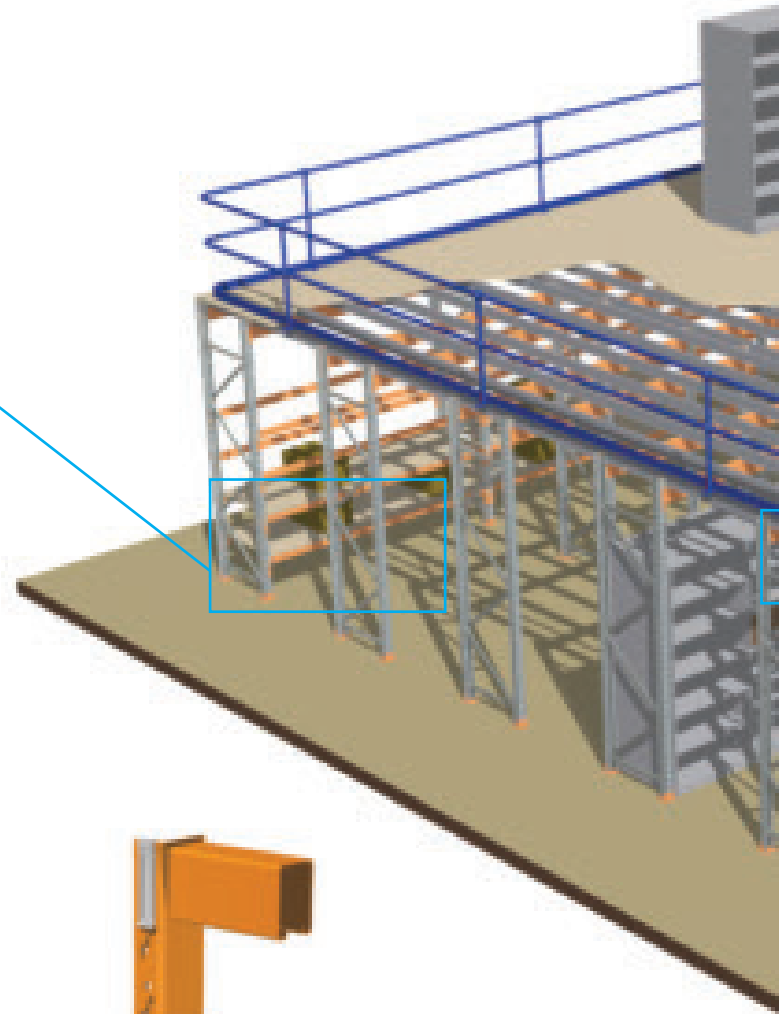
Economical additional space made from pallet racking components

A medium-duty flooring system can be created using standard ColbyRACK components. The floor space is increased by using racking as a fast and inexpensive means of constructing free-standing Raised Storage Areas. The use of standardised rack components allow quick and easy designs as well as the integration of different shelving and racking systems.



Seamless integration of Shelving and Racking systems

The use of standard ColbyRACK components gives you operational flexibility to seamlessly integrate different Colby shelving and racking systems, Carton-Live Storage, and Long Span Shelving (as shown above) to optimise small parts picking operations. The Colby medium-duty flooring system is extremely versatile and offers integration options to suit your application and budget.



ColbyRACK Components

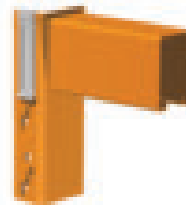
Colby offers a wide variety of beams and uprights to meet different requirements, balancing the needs of structural performance, cost, durability, and adjustability.

All standard Colby beams are made from 1.6mm thick, high tensile steel. A powder coat finish creates a durable, hard-wearing surface for even the harshest warehouse environments.

High strength steel and smart section design combine to provide maximum upright strength, at minimum cost. The unique diamond-slot profile and strengthening rib in the front of the upright, make them significantly stronger than conventional systems and provide more structural rigidity.



Box beam (BB)
Our standard versatile beam



Open beam (OB)
For light-duty applications



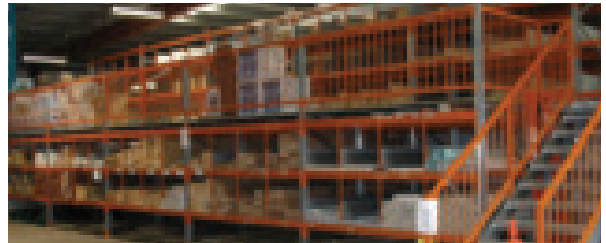
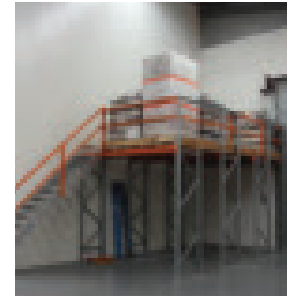
Rear flange upright



Standard upright

Flexibility

Colby medium-duty flooring systems deliver virtually unlimited options to utilise valuable overhead space in your warehouse. Colby Raised Storage Areas give you the flexibility to bring your goods into good order.



Decking Options

Depending on your requirements and budget, Colby floors can be designed and delivered in a range of different decking materials such as plywood or steel grating.

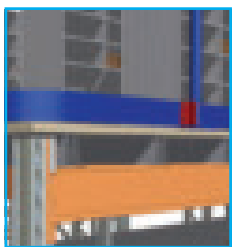


Stairs and Guardrails

All Colby Raised Storage designs include stairs, treads, barriers and handrails as well as safety signage.

Decking Support Structure

Standard ColbyRACK components are used for the primary support beams. Floor joists typically comprise standard 'top hat' profiles tek-screwed into the top flange of the primary beam.



Heavy-Duty Flooring System

A versatile solution for more clear space and heavier loads

Colby's heavy-duty flooring is fully bolted in its construction and has been developed to allow more column free space with greater load capacity. The system is based on the use of Colby 'Sigma' beams. Compared to other flooring systems the Sigma floor is very cost effective, making use of fewer components and significantly reducing the installation time.



Bracing for added stability

Down aisle bracing may be required to give the floor structural stability. Bracing is manufactured from standard light-weight components, and is easily installed.



Sigma Beam Profiles

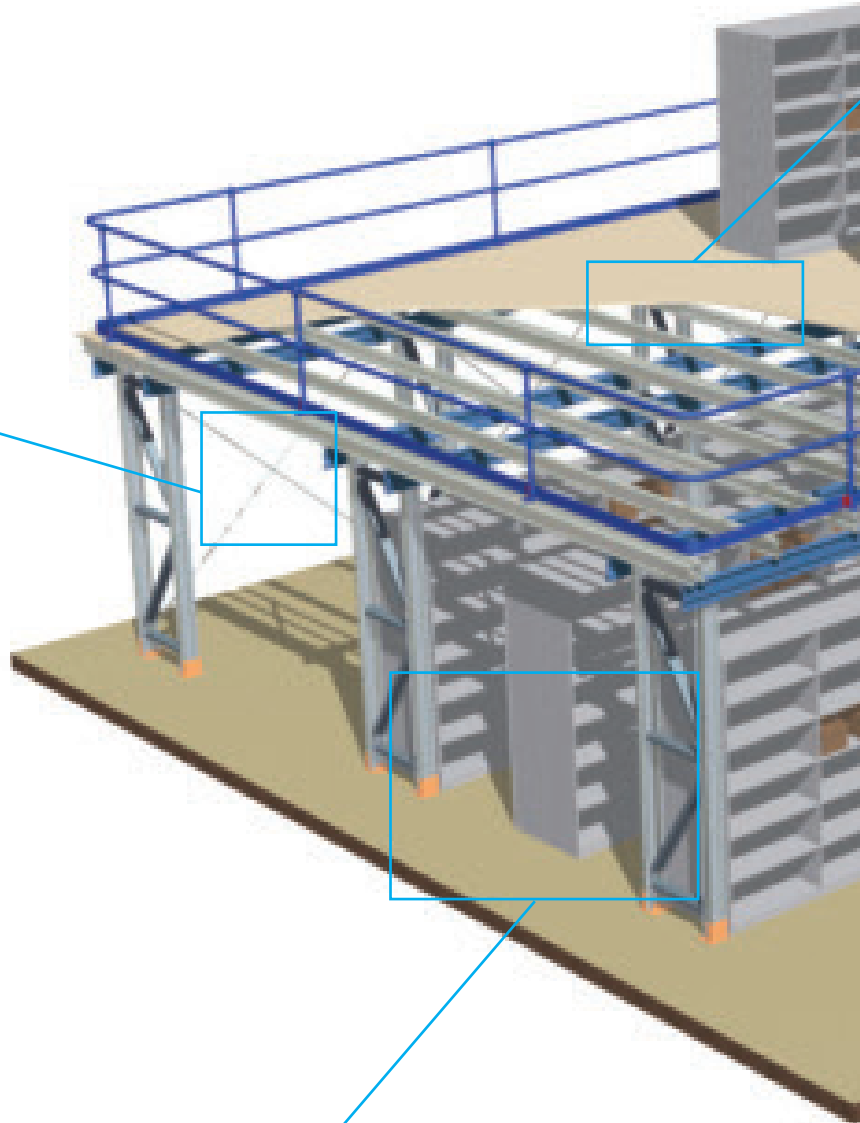
Colby's new Sigma beam is a breakthrough in raised storage design. The specially optimised Sigma profiles are punched at 50mm centres to enable simple connections to other components.

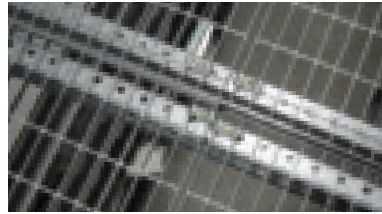
Colby manufactures the Sigma profiles in a variety of different depths and material thicknesses to optimise structural performance, cost, and durability. All Sigma beams are made in Australia from high tensile steel with a galvanised finish.



Increased Aisle Width

Sigma profiles used as floor joists can achieve large spans, allowing a reduction in the number of upright frames. This increases the aisle width as well as the clear space below the floor.



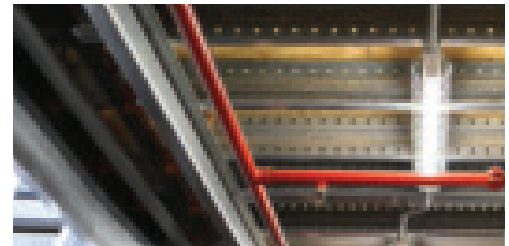


Decking Options

Depending on your requirements, Colby floors can be designed and delivered with different decking materials such as plywood, or steel grating.

Easily reconfigured

Colby's Sigma floor system offers flexibility with all structural connections being bolted or screwed. Unlike conventional steel constructions, this system can be easily moved or modified for changing requirements at a later date.



Mounting Ancilliary Equipment

Fire protection equipment and lighting can be integrated into the floor structure where necessary. The Sigma profile is designed to make mounting easier, saving cost and installation time.



Bolted Support Structure

The Sigma profiles used in the decking support structure are commonly known as primary and secondary beams. The structure of support beams is bolted together using standardised brackets. Prepunched holes in all Sigma beams facilitate simple bolted connections between uprights and other structural components.

