ReadyRoof®

A faster, smarter OSM solution.

Prefabricated roof system by

Concision

Concision — PREFABRICATED ROOF SYSTEM

ReadyRoof Benefits

ReadyRoof® from Concision is a timber warm roof solution offering the ultimate in thermal and acoustic performance.

Ideal for schools and commercial buildings, ReadyRoof has been perfected using our innovative, automated OSM technology and institutional OSM knowledge and experience. The result is a warm roof unrivalled in its accuracy and performance in comparison to other multi-layer roofing systems.

Fast Production

Utilising Concision's high speed/high volume production, ReadyRoof panels can be produced in hours - up to 24 panels in a single day.

Fast, Simple Installation

ReadyRoof panels are installed quickly - up to 40 panels/1000m² in a single day – and there's no need for a specialist installer. The straightforward installation process ensures projects are weathertight in days.

Cost-effective

ReadyRoof requires less secondary steel than any other roofing system. The panels are cantilevered to form eaves and support gutters, making steel fabrication easier, and soffits easier to install. This reduces the need for thermal bridging and requires much less work on-site.

Key Features

Increased insulation value
Our continuous layer of high performing PIR insulation, combined with our panel design, minimises thermal bridging.

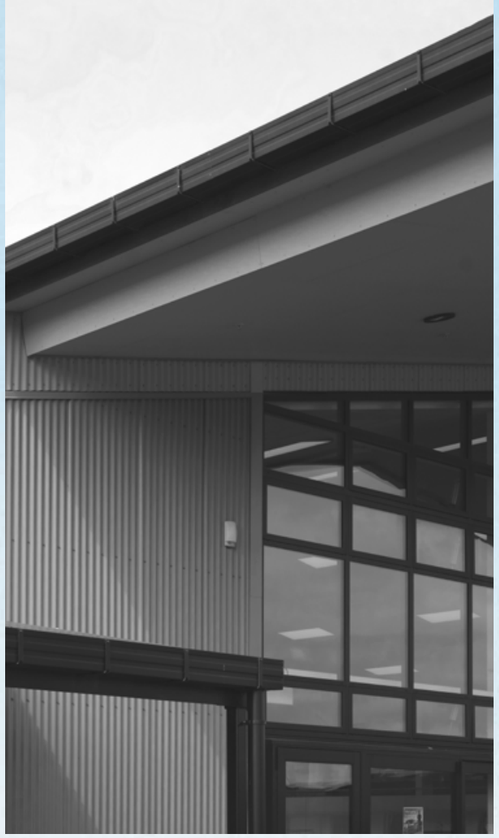
Building code compliant
ReadyRoof has been independently assessed by Oculus Architectural Engineers. It complies to the Building Code requirements of clauses B1, B2, E2, E3, F2 and H1.

Superior acoustic performance
Assessed by Acoustic Engineering Services (AES), ReadyRoof complies with Ministry of Education rain noise level NC 45 in combination with CAC35 ceiling tiles.

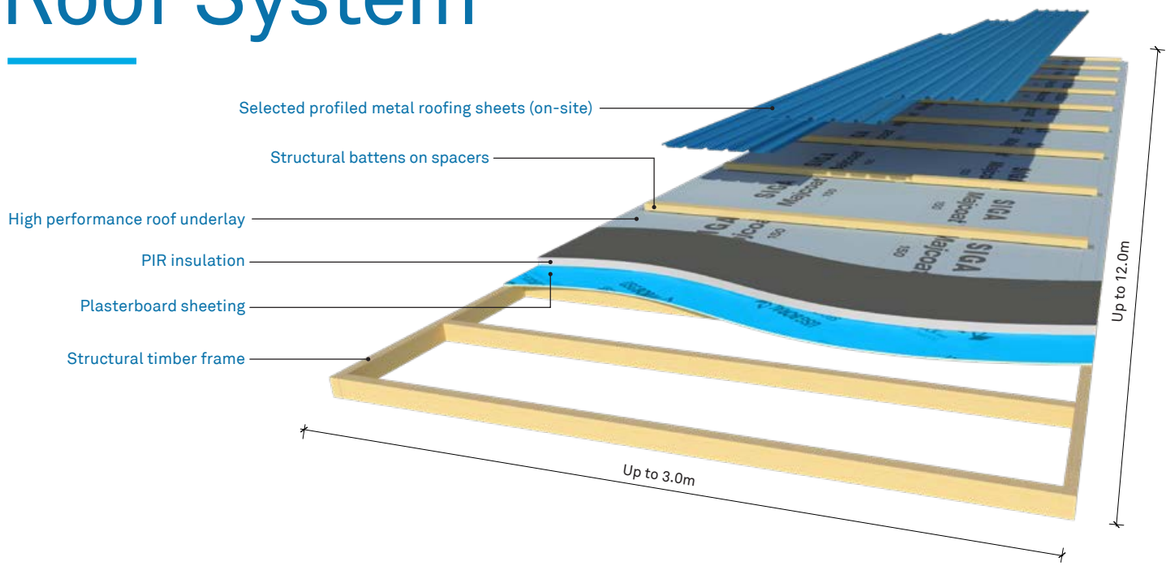
Long span capabilities
Spanning between internal supports up to 5m, and cantilevering to form eaves without additional support, ReadyRoof minimises secondary structural elements.

Suitable for all environments
Intelligently designed to breathe, ReadyRoof is suitable for all environments.

Suits any roofing profile
ReadyRoof can be used with standard metal roofing and flashings, along with standard architectural details.



Roof System




Manufacturing of roof panels at factory.


Delivery of roof panels on-site.

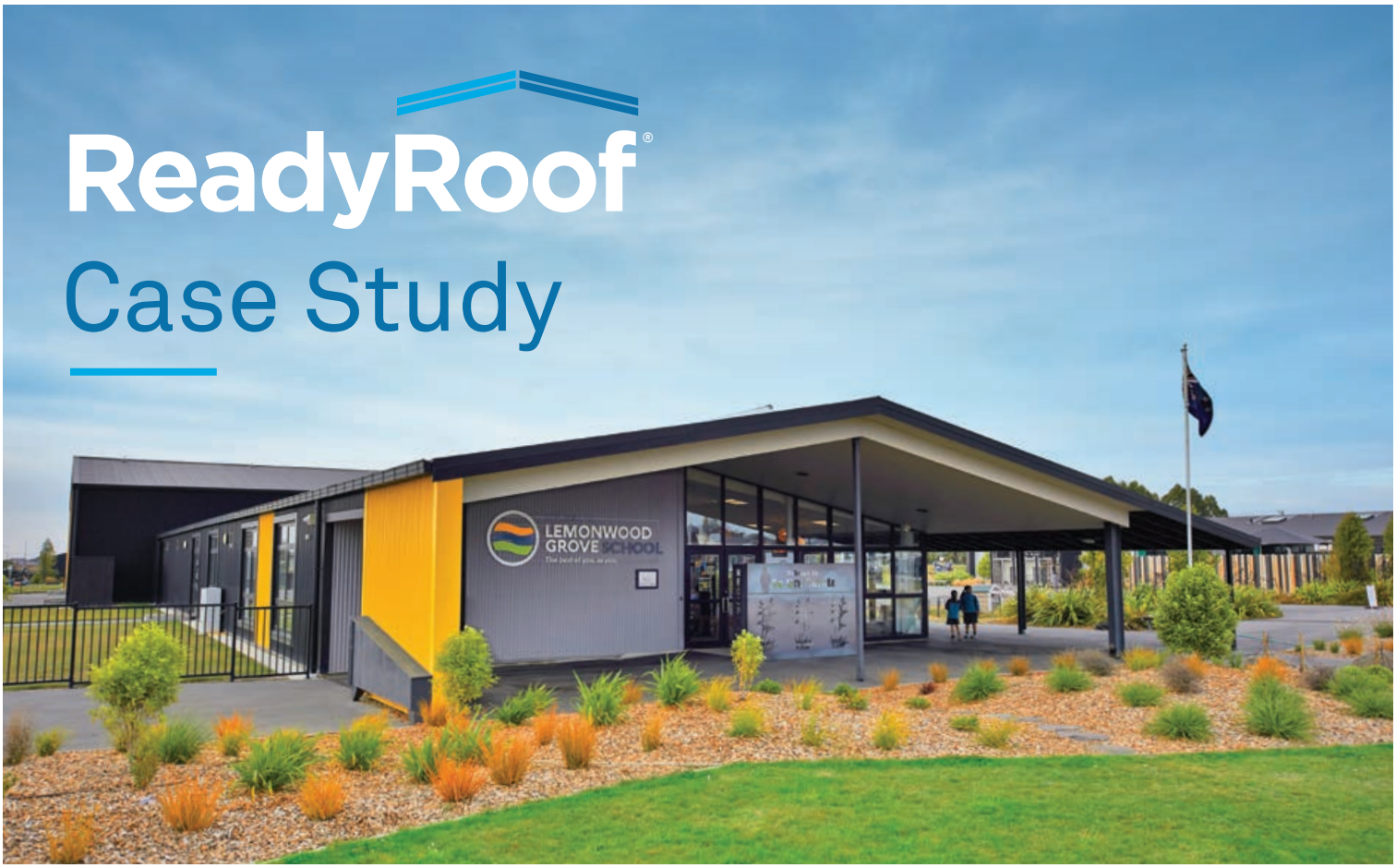

Installation of ReadyRoof.

ReadyRoof® Panel Range

Name	Rafter depth			Sheeting thickness				PIR thickness			
Rafter depth Sheeting thickness PIR thickness	Span ± 1.2m	Span ± 3.0m	Span ± 4.5m	Standard	Acoustic	High Acoustic	Timber diaphragm	R2.8	R3.5	R4.2	R4.7
90-10-XX	90			10				60	75	90	100
90-13-XX	90				13			60	75	90	100
90-16-XX	90					16		60	75	90	100
90-16S-XX	90						16S	60	75	90	100
140-10-XX		140		10				60	75	90	100
140-13-XX		140			13			60	75	90	100
140-16-XX		140				16		60	75	90	100
140-16S-XX		140					16S	60	75	90	100
190-10-XX			190	10				60	75	90	100
190-13-XX			190		13			60	75	90	100
190-16-XX			190			16		60	75	90	100
190-16S-XX			190				16S	60	75	90	100

ReadyRoof®

Case Study



Lemonwood Grove School, Canterbury

Builder
Southbase Construction in partnership with Concision

Features
140 ReadyRoof® Panels

Delivering on the Ministry of Education's rigorous 'Green Star' principals, Lemonwood Grove School in Rolleston set a new benchmark for innovative construction in New Zealand's education sector.

The new school is 2800m² and the building envelope is constructed entirely from Concision's off-site manufacturing panels.

It features 140 ReadyRoof warm roof panels (along with 68 closed, warm wall panels). The roof and cladding are separated from the structure to provide Lemonwood Grove with higher efficiency thermal insulation than many other traditionally-built schools.

Traditional building methods would typically see a school project of this type take 18-24 months to complete. However, with Concision manufacturing ReadyRoof and wall panels off-site, at the same time steel was being erected on-site, Lemonwood Grove was designed, consented and completed in just 13 months – at least five months ahead of schedule.

Email info@concision.co.nz
Phone (03) 347 3287
concision.co.nz

Concision