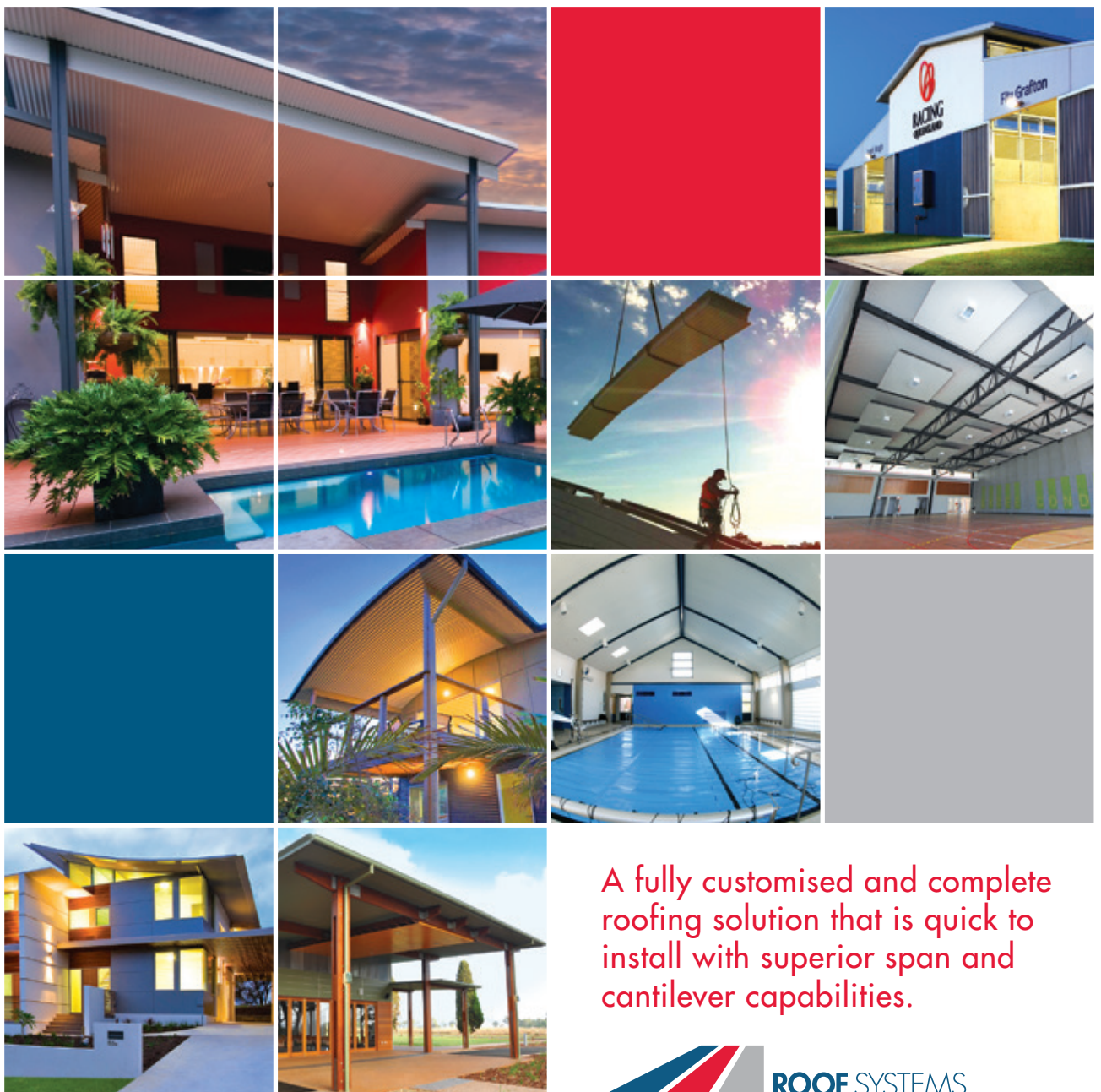




ARCPANEL

Product Overview



A fully customised and complete roofing solution that is quick to install with superior span and cantilever capabilities.



Fully customised, complete roofing solutions

Custom manufactured to your architectural and design requirements, the innovative **ARCPANEL** roof systems allow you to design without boundaries, whilst significantly reducing structural and labour components.



25 YEAR WARRANTY

Up to 25 years warranty available - for peace of mind (subject to conditions).



CYCLONE RATED

Rated up to C4. **ARCPANEL** roof panels are tested in accordance with NCC/BCA requirements.



DRAFTING SERVICE

Utilise our comprehensive drafting service to ensure your building system is manufactured to the correct requirements.



GROUP 1 FIRE RATED

ARCPANEL roof systems have been certified with Group 1 fire rating in accordance with the fire hazard properties of BCA C1.10a.



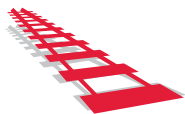
ON-SITE PROJECT ASSISTANCE

Construction managers co-ordinate the roof panels to site and provide information and assistance to on-site trades.



HIGH THERMAL RATING

R-value rating of up to 6.5. An **ARCPANEL** roof reduces heating and cooling requirements providing a higher comfort level, reducing your costs, leading to energy conservation.



FAST TRACK YOUR CONSTRUCTION PROJECT

Fast installation allows the reduction of costly structural items & labour components, saving time and money.



SUPERIOR SPAN & CANTILEVERS

ARCPANEL can achieve industry leading spans of up to 12.5 metres, cantilevers of up to 4.5 metres and are faster to install than a conventional roof.



ENERGY CONSERVATION

Reduce energy needs and emissions over the lifecycle of your building. BCA compliant, Eco Specifier verified and high thermal ratings.



CORROSIVE & MARINE SOLUTION

ARCPANEL can offer material options that are suitable for marine or corrosive environments with warranties up to 25 years.



CODEMARK CERTIFICATION

Custom Panel and Ecotek Panel are NCA/BCA Building Code Certified.



Benefit from an ARCPANEL Roof System

- Pre-finished high durability & low maintenance.
- Reduction of costly structural items & labour components, saving time & money.
- Superior low pitch - 2 degrees capability for **ecotek panels** & 5 degrees for **custom panels**.
- Achieve up to 12.5 metres unsupported spans - reduce expensive support structures e.g. roof trusses & support beams.
- Large cantilevers of up to 50% of the actual back span can be achieved (dependant on the design).
- Pre-finished top and bottom sheet - extensive range of Colorbond colours available.
- Compatible with most architectural designs as multiple configurations are available across the range.
- Cyclone tested to C4 in accordance with NCC/BCA.
- **ARCPANEL** roof panels are available in Colorbond®, Ultra, Metallic Steel, Zinc/Galv.
- Rapid installation makes the **ARCPANEL** roof panel a clear winner over traditional roof construction.
- Fire rated to Group 1 - roof and wall lining.
- Superior thermal ratings up to R-value 6.1 are achieved using the **ecotek panel** & R-value 6.5 for the **custom panel**.

Aquatek: an insulated solution for extreme corrosive or aquatic environments

The ultimate roofing system for highly corrosive, industrial and aquatic environments. With large spanning capabilities and a range of panel thicknesses to suit your project.

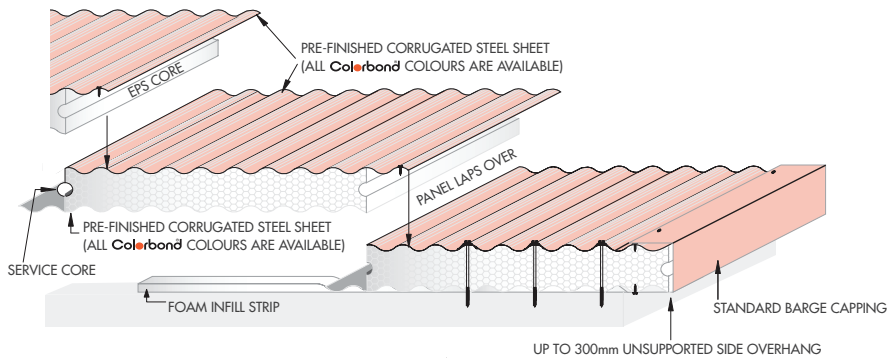
- Suitable for aquatic, marine, industrial or harsh environments.
- Panel thickness range from 75mm to 250mm.
- Superior span & cantilever capabilities.
- High durability & low maintenance.
- Available in a variety of pre-finished modern & appealing colours.
- Warranty period of up to 25 years, for peace of mind.
- High thermal rating up to R6.5 for heating, cooling and internal environment control.
- Superior resistance to UV light, salt water and corrosion caused by condensation.
- Available in straight, curved and multi-curved profiles to suit your project requirements.
- Rapid installation makes the Aquatek panel a winner over traditional construction.

From luxury beach front homes, to remote outback industrial coal washers; the new Aquatek panel is the perfect solution for your project.



Aquatek[™]
panel

ARCPANEL Roof Systems



Custom
panel™

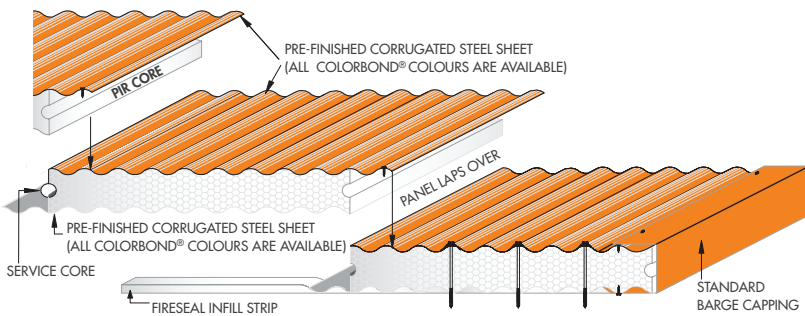
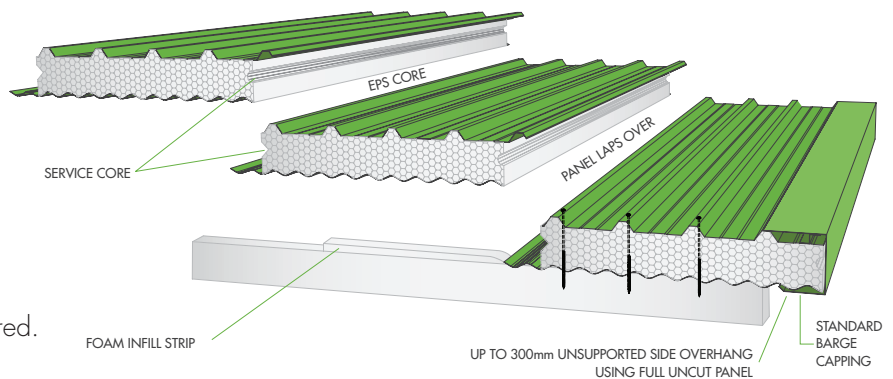
CODEMARK
CMA-CM40091

- Suitable for roof pitches down to 5°.
- Corrugated profile roof & ceiling sheet.
- Available in all Colorbond® colours.
- Can be customised to your requirements.
- No need for internal ceiling plastering or painting.
- Ceiling lining can be easily fitted if required.

@cotek
panel™

CODEMARK
CMA-CM40091

- Suitable for roof pitches down to 2°.
- Trimdek profile roof sheet & corrugated ceiling sheet.
- Available in all Colorbond® colours.
- Can be customised to your requirements.
- No need for internal ceiling plastering or painting.
- Ceiling lining can be easily fitted if required.

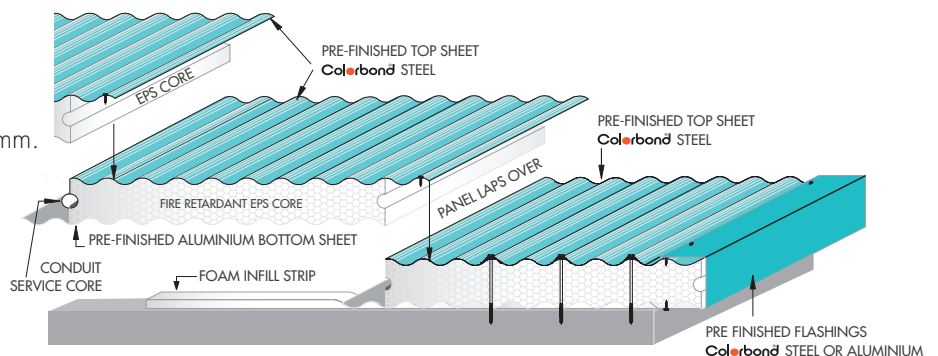


firetek
panel™

- BAL 40 - tested for bushfire and fire resistance (AS 3959).
- Available panel thickness: 85mm, 105mm, 125mm and 150mm.
- R-value up to 6.6 allows you to maximise energy efficiency, reduce energy costs and your carbon footprint.
- Suitable for roof pitches from 2° to 17°.
- Available in straight, curved and/or multi-curved panels.

Aquatek
panel™

- Suitable for aquatic, marine, industrial or harsh environments.
- Panel thickness range from 75mm to 250mm.
- Superior span & cantilever capabilities.
- High durability & low maintenance.
- Available in a variety of pre-finished & modern appealing colours.
- Warranty period of up to 25 years, for peace of mind.



ARCPANEL roof panels span up to 12.5 metres which can increase outdoor living space.

ARCPANEL roof systems superior cantilevers provide improved shading reducing energy consumption.

ARCPANEL roof panels offer concealment of electrical services for a clean finish.

ARCPANEL Custom Roof Panel
Private Residence
East Brisbane, QLD


ARCPANEL

 **ROOF SYSTEMS**

ARCPANEL Roof Designs

ARCPANEL roof panels can be manufactured using COLORBOND® & ZINCALUME® and a full range of COLORBOND® colours are available.

ARCPANEL roof panels can be end-lapped to create longer roof lengths.

Custom
panel



Minimum roof pitch 5°.



STRAIGHT ROOF

Straight panels can be manufactured up to 24 metres in length. Longer lengths can be achieved, contact us for details.



CURVED ROOF

Curved panels are custom manufactured to suit your design requirements (minimum radii 2.5 metres).



MULTI-CURVED ROOF

Multi-curved panels are custom manufactured to suit your design requirements (minimum radii 2.5 metres).



BULL-NOSE ROOF

Bull-nose panels can be manufactured to suit a bull-nose radii of 600mm, 750mm and 900mm. Bull-nose panels can be manufactured in lengths up to 21 metres.

@cotek
panel



Minimum roof pitch 2°.



STRAIGHT ROOF

Straight panels can be manufactured up to 24 metres in length. Longer lengths can be achieved, contact us for details.



CURVED ROOF

Curved panels can be manufactured to radii greater than 50 metres.



ARCPANEL Roof Designs

ARCPANEL roof panels can be manufactured specifically for highly corrosive, industrial and aquatic environments using the **ARCPANEL Aquatek** panel. **ARCPANEL Firetek** is a BAL 40 compliant roof panel suitable for bushfire prone areas. **ARCPANEL** roof panels can be end-lapped to create longer roof lengths.



Minimum roof pitch 5°.



Minimum roof pitch 2°.



STRAIGHT ROOF

Straight panels can be manufactured up to 24 metres and are suitable for pitches from 2° to 17°.



CURVED ROOF

Curved panels can be manufactured to suit your design requirements. Please contact us for further information.



MULTI-CURVED ROOF

Multi-curved panels can be manufactured to suit your design requirements. Please contact us for further information.



BAL 40 COMPLIANT

Firetek is a BAL 40 compliant roof panel suitable for bushfire prone areas. Please contact us for further information.



Minimum roof pitch 5°.



Minimum roof pitch 2°.



STRAIGHT ROOF

Straight panels can be manufactured up to 20 metres and are suitable for pitches from 2° to 17°.



CURVED ROOF

Curved panels can be manufactured to suit your design requirements. Please contact us for further information.



MULTI-CURVED ROOF

Multi-curved panels can be manufactured to suit your design requirements. Please contact us for further information.



CURVED ROOF

The ultimate roofing system for highly corrosive, industrial and aquatic environments. Please contact us for further information.



I like the simplicity of the insulated roof system. Architecturally, I was attracted to the incredible cantilevers provided with such a thin elegant profile. Structurally - it can achieve enormous spans and on an environmental note, it provides terrific thermal comfort and is re-usable."

Scott Carpenter
Scott Carpenter Architect

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