

## Product Colours & Span Tables

VERSION 2026

Refer to Design, Detailing &  
Installation Guide for full product  
information



AS 5637.1  
GROUP 1



THERMAL RATING  
UP TO R4.8



COASTAL &  
SEVERE MARINE



LARGE SPANS  
& CANTILEVERS

# Smartek Panel

STRAIGHT & LARGE CURVED CONFIGURATIONS





## Introduction & General Notes



### Smartek Panel

#### FULLY INTEGRATED ROOF SYSTEM

ARCPANEL Smartek roof panel combines aesthetic, innovative design, with high strength, durability and excellent thermal insulation. The ARCPANEL Smartek roof panel can achieve significant cantilevers, in some applications up to half the actual back span and this unique system eliminates the need for complex, expensive roof structures. The lightweight ARCPANEL panels are easily handled on site, achieving faster, lower cost installation.

#### UNIQUE DESIGN & CONSTRUCTION

ARCPANEL pre-fabrication starts with contemporary trapezoidal COLORBOND® steel sheeting, bonded to both sides of profiled EPS. The panel yields high strength resulting in large spans and cantilevers along with a high insulation value. Standard ratings from R2.4 to R4.8 can easily be achieved. The strength of this construction means that the ARCPANEL Smartek roof panel is suitable for use in high wind conditions. After the panels are fixed in place, there is virtually no maintenance required other than the occasional wash down of soffits.

On site time spent fitting trusses, eave linings, plasterboard, battens, insulation lining, roof sheeting and painting, is eliminated when using ARCPANEL Smartek roof panel.

Straight panels can be manufactured using COLORBOND® steel, COLORBOND® steel Matt, COLORBOND® Ultra steel, COLORBOND® Metallic steel, SUPERDURA™ Stainless steel and ZINCALUME® steel. Available in a range of classic and contemporary COLORBOND® steel colours with limited colours in Stainless Steel.

#### KEY FEATURES AND BENEFITS

- ✓ Achieve up to 10m unsupported spans - reduce expensive support structures e.g. roof trusses & support beams
- ✓ Corrugated profile is used on both sides, reducing the need for ceilings and internal painting
- ✓ Pre-finished - extensive range of COLORBOND® steel colours available
- ✓ Dependant on the design, cantilevers of up to 40% the actual backspan can be achieved
- ✓ ARCPANEL Smartek roof panel is available in COLORBOND® steel, COLORBOND® steel Matt, COLORBOND® Ultra steel, COLORBOND® Metallic steel, SUPERDURA™ Stainless steel, ZINCALUME® steel
- ✓ Rapid installation makes the ARCPANEL Custom roof panel a clear winner over traditional roof construction
- ✓ Fire rated to Group 1 - roof and wall lining material
- ✓ Superior standard thermal ratings up to R4.8 are achieved using the ARCPANEL Smartek roof panel
- ✓ Panels meet the requirements for live and concentrated imposed loads for roofs not accessible except for normal maintenance as per AS1170.1:2002
- ✓ Low Pitch (3 Degrees) capability

#### ROOF TYPES



#### STRAIGHT PROFILE

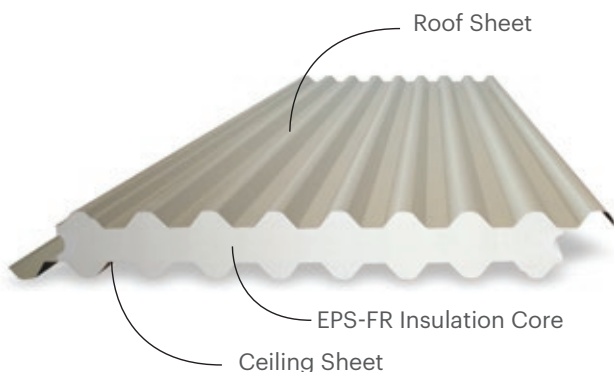
Straight panels can be manufactured up to 20 metres in length, suitable for housing, awnings, patios, commercial and industrial projects.



#### LARGE CURVED PROFILE

Curved panels can be manufactured to a radii greater than 60m.

Curved panels can be manufactured in lengths up to 20 metres, panels can be joined to achieve longer runs.





ARCPANEL Insulated panel's offer industry leading warranties, it is important that care is taken when selecting the sheeting material. Environmental conditions, coastal & geographic locations and extreme weather conditions should all be considered. Other points such as roof pitch, metal thickness and direction of lay are also important. The sheeting plays an important part in the structural design of ARCPANEL's insulated roof system.

Please feel free to contact us for further information. Technical Bulletins from Bluescope Steel are available from ARCPANEL or visit [www.bluescopesteel.com.au](http://www.bluescopesteel.com.au).

## Sheeting Material Types

### COLORBOND® STEEL (Standard Finish)

While standard COLORBOND® steel will suit most residential and commercial designs in most locations it most suitable for: Non-Coastal, Coastal Locations 1km-5km and Marine location greater than 200mm from salt or brackish environments.

### ZINCALUME® STEEL

Next generation ZINCALUME® steel's patented Activate® technology introduces magnesium into the aluminium-zinc alloy coating, improving galvanic protection by activating the aluminium. The result is a tougher protective coating that's more resistant to scratches and scuffs encountered during construction. Suitable for: Non-Coastal, Coastal Locations 1km-5km and Marine location greater than 200mm from salt or brackish environments.

### COLORBOND® ULTRA STEEL

COLORBOND® Ultra steel is especially designed for severe coastal and industrial environments - where there is exposure to salt or brackish water in the air and approximately 100 to 200 metres from breaking surf. Similarly, the effects of industrial emissions (fumes and/or particulate fallout) are typically lessened 100 to 200 metres from the source. Suitable for: Severe Marine Locations to Coastal Location and Aquatic/Swimming Pool environments.

### SUPERDURA™ STAINLESS STEEL

SUPERDURA™ Stainless steel is the recommended roofing material for coastal areas where there is a constant salt spray in the air - within 100 metres from breaking surf - or within proximity to industrial emissions. Suitable for: Non Coastal, Coastal to Severe Marine Locations and Aquatic/Swimming Pool environments.

### AQUATEK APPLICATIONS

For enclosed aquatic applications, ARCPANEL recommends the use of ARCPANEL Aquatek Panel with large spanning capabilities and a range of panel thicknesses to suit your project, the ARCPANEL Aquatek Roof systems is the ultimate roof solution.

Please refer to ARCPANEL's Aquatek Guide for further information.

COLORBOND® is a registered trademark of Bluescope Steel. Magnaflow is a registered trademark of Fletcher Steel Ltd.

## Colorbond®

### COLOUR RANGE - CLASSIC

|                                     |                                     |                                 |                                     |
|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|
|                                     |                                     |                                 |                                     |
| Dover White™<br>SA = 0.28 BCA = L   | Surfmist®<br>SA = 0.33 BCA = L      | Southerly®<br>SA = 0.40 BCA = L | Shale Grey™<br>SA = 0.44 BCA = M    |
|                                     |                                     |                                 |                                     |
| Bluegum®<br>SA = 0.57 BCA = M       | Windspray®<br>SA = 0.60 BCA = M     | Basalt®<br>SA = 0.67 BCA = D    | Classic Cream™<br>SA = 0.33 BCA = L |
|                                     |                                     |                                 |                                     |
| Paperbark®<br>SA = 0.43 BCA = M     | Evening Haze®<br>SA = 0.43 BCA = M  | Dune®<br>SA = 0.48 BCA = M      | Gully®<br>SA = 0.64 BCA = D         |
|                                     |                                     |                                 |                                     |
| Jasper®<br>SA = 0.67 BCA = D        | Manor Red®<br>SA = 0.70 BCA = D     | Wallaby®<br>SA = 0.64 BCA = D   | Woodland Grey®<br>SA = 0.70 BCA = D |
|                                     |                                     |                                 |                                     |
| Pale Eucalypt®<br>SA = 0.60 BCA = M | Cottage Green®<br>SA = 0.73 BCA = D | Ironstone®<br>SA = 0.73 BCA = D | Deep Ocean®<br>SA = 0.74 BCA = D    |
|                                     |                                     |                                 |                                     |
| Monument®<br>SA = 0.73 BCA = D      | Night Sky®<br>SA = 0.95 BCA = D     |                                 |                                     |

### COLOUR RANGE - MATT FINISH

|                                |                                |                                  |                               |
|--------------------------------|--------------------------------|----------------------------------|-------------------------------|
|                                |                                |                                  |                               |
| Surfmist®<br>SA = 0.35 BCA = L | Dune®<br>SA = 0.48 BCA = M     | Shale Grey™<br>SA = 0.46 BCA = M | Bluegum®<br>SA = 0.59 BCA = M |
|                                |                                |                                  |                               |
| Basalt®<br>SA = 0.71 BCA = D   | Monument®<br>SA = 0.79 BCA = D |                                  |                               |

### COLORBOND® ULTRA STEEL

|                                |                                     |                                 |                            |
|--------------------------------|-------------------------------------|---------------------------------|----------------------------|
|                                |                                     |                                 |                            |
| Surfmist®<br>SA = 0.33 BCA = L | Shale Grey™<br>SA = 0.44 BCA = M    | Windspray®<br>SA = 0.60 BCA = M | Dune®<br>SA = 0.47 BCA = M |
|                                |                                     |                                 |                            |
| Wallaby®<br>SA = 0.64 BCA = D  | Woodland Grey®<br>SA = 0.70 BCA = D | Monument®<br>SA = 0.73 BCA = D  |                            |

### SUPERDURA™ STAINLESS STEEL

|  |
|--|
|  |
| SURFMIST®                                |
| Surfmist® Stainless<br>SA = 0.33 BCA = L |

### COOLMAX® STEEL

|                                  |
|----------------------------------|
|                                  |
| WHITEHAVEN®                      |
| Whitehaven®<br>SA = 0.23 BCA = L |

### COLORBOND® STEEL METALLIC FINISH (subject to availability)

|                                |                              |                            |                             |
|--------------------------------|------------------------------|----------------------------|-----------------------------|
|                                |                              |                            |                             |
| Galactic™<br>SA = 0.34 BCA = L | Cosmic™<br>SA = 0.39 BCA = L | Rhea™<br>SA = 0.49 BCA = M | Astro™<br>SA = 0.62 BCA = D |

\*Lead times are subject to supplier availability.

Colour swatches are provided as an indication of colour only and may not be an actual representation of colour. We recommend checking your chosen colour against an actual sample of the product before purchasing.

Corrosion resistant options available for coastal applications - please contact us for more details.



### ARCPANEL PRODUCT STRUCTURAL WARRANTY FOR ROOFING APPLICATIONS (SAMPLE ONLY)

INDICATIVE & MAXIMUM STRUCTURAL WARRANTY PERIOD - SUBJECT TO PRIOR APPROVAL

| Environment                 | (ISO Cat.1)         | (ISO Cat.2)           | (ISO Cat.3)                                  | (ISO Cat.4)  | (ISO Cat.5)   | (Highly Corrosive)                                  |
|-----------------------------|---------------------|-----------------------|--|--|---|---|
| Panel Material              | Non-Coastal<br>5km+ | Coastal<br>1km to 5km | Marine (calm) &<br>Industrial<br>500m to 1km | Severe Marine (calm)<br>& Industrial<br>100m to 500m | Severe Marine<br>(surf) 50m to 500m<br>Corrosive Industrial<br>0m to 100m | Enclosed Aquatic<br>Centre & Over<br>Swimming Pools |
| COLORBOND® STEEL/ZINCALUME® | 20 years            | 15 years              | 10 years                                     | By Enquiry   | No Warranty   | No Warranty   |
| COLORBOND® ULTRA STEEL      | 20 years            | 20 years              | 15 years                                     | 10 years   | By Enquiry  | By Enquiry  |
| COLORCOTE MAGNAFLOW®        | 20 years            | 20 years              | 20 years                                     | 15 years   | By Enquiry  | By Enquiry  |
| SUPERDURA™ STAINLESS STEEL  | 20 years            | 20 years              | 20 years                                     | 20 years   | 20 years  | 20 years  |

### BLUESCOPE STEEL - COLORBOND® STEEL MATERIAL AND COLOUR SELECTION CHART

TABLE 1

| Colour                           | Solar Absorptance (SA) | Colour Classification | Availability |       | Recommended Use |              | Curving Grade | NCC SA & Climate Zone                   |                                   | NSW Basix |
|----------------------------------|------------------------|-----------------------|--------------|-------|-----------------|--------------|---------------|---|-----------------------------------|-----------|
|                                  |                        |                       | Standard     | Ultra | Roof Side       | Ceiling Side |               | VOL 1                                   | VOL 2                             |           |
| COLORBOND® Steel (Classic Range) |                        |                       |              |       |                 |              |               |   |                                   |           |
| Whitehaven® (COOLMAX®)           | 0.23                   | Light                 | ✓            |       | ✓               | ✓            |               | SA <=0.45<br>Zones<br>1,2,3,4,<br>5,6,7 | SA <=0.32<br>All Zones            | L         |
| Dover White™                     | 0.28                   | Light                 | ✓            |       | ✓               | ✓            | ✓             |   | L                                 |           |
| Classic Cream™                   | 0.33                   | Light                 | ✓            |       | ✓               | ✓            | ✓             |   | L                                 |           |
| Surfmist®                        | 0.33                   | Light                 | ✓            | ✓     | ✓               | ✓            | ✓             |   | L                                 |           |
| ZINCALUME®                       | <0.35                  | Light                 |              |       | ✓               |              | ✓             |   | SA <=0.42<br>All Zones            | L         |
| Southerly®                       | 0.40                   | Light                 | ✓            |       | ✓               | ✓            | ✓             |   | L                                 |           |
| Paperbark®                       | 0.43                   | Medium                | ✓            |       | ✓               | ✓            | ✓             |   | L                                 |           |
| Evening Haze®                    | 0.43                   | Medium                | ✓            |       | ✓               | ✓            | ✓             |   | SA <=0.53<br>Zones<br>2,4,5,6,7,8 | L         |
| Shale Grey®                      | 0.44                   | Medium                | ✓            | ✓     | ✓               | ✓            | ✓             |   | L                                 |           |
| Dune®                            | 0.48                   | Medium                | ✓            | ✓     | ✓               | ✓            | ✓             |   | L                                 |           |
| Bluegum®                         | 0.57                   | Medium                | ✓            |       | ✓               | ✓            | ✓             | SA <=0.64<br>Zones<br>2,4,5,6,7,8       | M                                 |           |
| Windspray®                       | 0.60                   | Medium                | ✓            | ✓     | ✓               | ✓            | ✓             |   | M                                 |           |
| Pale Eucalypt®                   | 0.60                   | Medium                | ✓            |       | ✓               | ✓            | ✓             |   | M                                 |           |
| Gully® Dark                      | 0.64                   | Dark                  | ✓            |       | ✓               | ✓            |               |   | M                                 |           |
| Wallaby®                         | 0.64                   | Dark                  | ✓            | ✓     | ✓               | ✓            |               |   | M                                 |           |
| Jasper®                          | 0.67                   | Dark                  | ✓            |       | ✓               | ✓            | ✓             |   | M                                 |           |
| Basalt®                          | 0.67                   | Dark                  | ✓            |       | ✓               | ✓            |               |   | M                                 |           |
| Manor Red®                       | 0.70                   | Dark                  | ✓            |       | NO**            | ✓            | ✓             |   | SA <=0.73<br>Zones 6,7,8          | M         |
| Woodland Grey®                   | 0.70                   | Dark                  | ✓            | ✓     | NO**            | ✓            |               |   | D                                 |           |
| Monument®                        | 0.73                   | Dark                  | ✓            | ✓     | NO**            | ✓            | ✓             |   | D                                 |           |
| Ironstone®                       | 0.73                   | Dark                  | ✓            |       | NO**            | ✓            | ✓             | SA <=0.85<br>Zones 6,7,8                | D                                 |           |
| Cottage Green                    | 0.73                   | Dark                  | ✓            |       | NO**            | ✓            | ✓             |   | D                                 |           |
| Deep Ocean®                      | 0.74                   | Dark                  | ✓            |       | NO**            | ✓            | ✓             |   | D                                 |           |
| Night Sky®                       | 0.95                   | Dark                  | ✓            |       | NO**            | ✓            |               | Zones 6,7,8                             | D                                 |           |
| SUPERDURA™ STAINLESS STEEL       |                        |                       |              |       |                 |              |               |   |                                   |           |
| Surfmist®                        | 0.33                   | Light                 |              |       | ✓               | ✓            |               | Zones 1,2,<br>3,4,5,6,7                 | All Zones                         | L         |

**IMPORTANT NOTES: USE OF DARK COLOURS FOR EXTERNAL FINISHES, LIMITED WARRANTY APPLIES, PLEASE CONTACT ARCPANEL FOR FURTHER INFORMATION.**

\* Galv, ZINCALUME®, COLORBOND® Matt and COLORBOND® dark colours may show minor visible roll forming process marks, this is a characteristic of roll forming process and not a defect.  
 \*\* Colours with a NCC / BCA 'Dark' classification having a solar absorptance of greater than 0.68 are not recommended to be used as a top roof or outer wall sheeting. Increased surface temperature, expansion, deflection and thermal movement can be expected of an insulated panel when using dark colours exposed to direct sunlight. The building designer is responsible for colour selection, acknowledges and accepts any associated design risks. Arcpanel warranty does not cover structural damage to the building or to the panels caused by extreme or concentrated dry heat loads and surface temperatures in excess of 78 degrees Celsius.



## Introduction & General Notes

### PANEL SIZES

Standard panel thicknesses are available (other panel thicknesses are available upon request):

100mm - 125mm - 140mm - 175mm - 200mm

### PANEL LENGTHS

Straight and large curved panels can be supplied up to 20 metres in length.

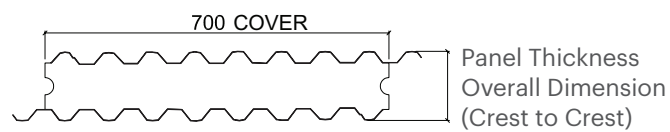
### PANEL CONFIGURATIONS

Panels can be manufactured in straight and large curved configurations. Refer to roof type guide on page 3 for further information.

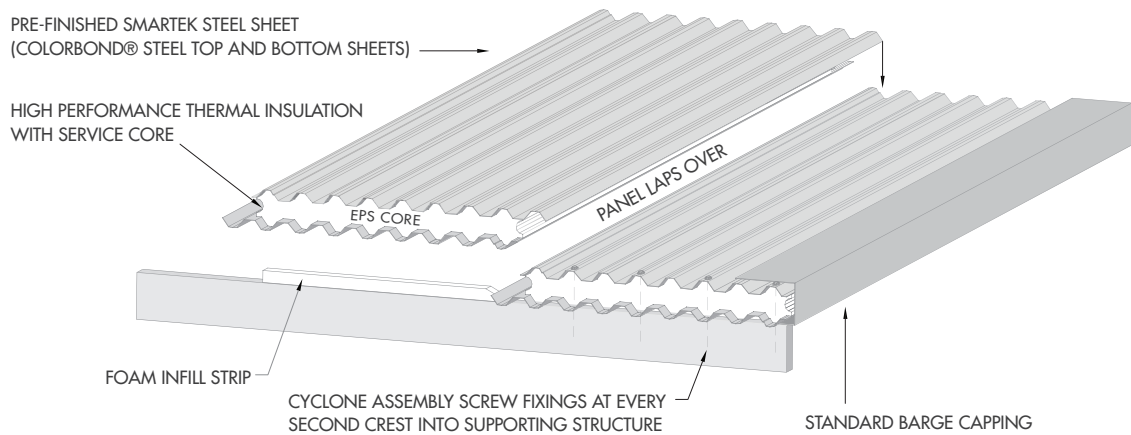
### PANEL FINISH

The ARCPANEL Smartek roof panel is available in a trapezoidal finish to both the inside and outside linings. Please refer to table 1 on page 5 for further information on colours and material types. Base metal thickness of 0.42mm and a total coated thickness of 0.47mm is used as standard, unless otherwise stated.

### PANEL DIMENSIONS



### SMARTEK PANEL COMPONENT ELEMENTS



ARCPANEL SMARTEK PANEL SPECIFICATIONS

TABLE 2

| Cover Width | Core Material                             | Length          | Thermal Conductivity | Top Sheet Finish                                   | Bottom Sheet Finish                                | Sheet Material        | Typical Panel Weight          |
|-------------|---|-----------------|----------------------|--|--|-----------------------|-------------------------------|
| 700mm       | Expanded Polystyrene with Flame Retardant | Ordered to Size | 0.038 W/mK           | COLORBOND® Steel<br>COLORBOND® Ultra<br>ZINCALUME® | COLORBOND® Steel<br>COLORBOND® Ultra<br>ZINCALUME® | 0.42BMT<br>G550 Steel | 100mm = 10.1kg/m <sup>2</sup> |
|             |   |                 |                      |  |  |                       | 125mm = 10.5kg/m <sup>2</sup> |
|             |   |                 |                      |  |  |                       | 140mm = 10.7kg/m <sup>2</sup> |
|             |   |                 |                      |  |  |                       | 175mm = 11.2kg/m <sup>2</sup> |
|             |   |                 |                      |  |  |                       | 200mm = 11.6kg/m <sup>2</sup> |



### NON CYCLONIC - SINGLE SPAN

**TABLE 3**

Midspan deflection up to span/120 at serviceability limit state; Self weight deflection up to span/600. Maximum unsupported Spans (mm)

| Wind Class<br>(Permissible) | Strength Limit<br>State Design<br>Wind Pressure<br>(P) (kPa) | 100mm Panel  |                   | 125mm Panel  |                   | 140mm Panel  |                   | 175mm Panel  |                   | 200mm Panel  |                   |
|-----------------------------|--|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|
|                             |  | R2.0<br>(UP) | R2.0<br>(DOWN)    | R2.8<br>(UP) | R2.7<br>(DOWN)    | R3.2<br>(UP) | R3.1<br>(DOWN)    | R4.1<br>(UP) | R4.0<br>(DOWN)    | R4.8<br>(UP) | R4.6<br>(DOWN)    |
|                             |  | Max<br>Span  | Max<br>Cantilever | Max<br>Span  | Max<br>Cantilever | Max<br>Span  | Max<br>Cantilever | Max<br>Span  | Max<br>Cantilever | Max<br>Span  | Max<br>Cantilever |
| N2-W33                      | 1.52   | 6020         | 2410              | 7280         | 2910              | 7860         | 3150              | 9070         | 3630              | 10200        | 4010              |
| N3-W41                      | 2.34   | 5000         | 2000              | 5980         | 2390              | 6500         | 2600              | 7640         | 3050              | 8400         | 3360              |
| N4-W50                      | 3.50   | 4030         | 1210              | 4900         | 1470              | 5340         | 1600              | 6300         | 1890              | 6970         | 2100              |
| N5-W60                      | 5.03   | 2950         | 885               | 3980         | 1195              | 4370         | 1310              | 5150         | 1545              | 5730         | 1725              |

**PLEASE NOTE: Maximum cantilever is 40% of backspan (span closest to cantilever) in N1 to N3 wind classes, 30% maximum cantilever for N4 & N5 wind classes.**

### SPAN SELECTION NOTES (NON CYCLONIC AREAS)

- Tables 3 applies to typical enclosed buildings built on the ground, less than 20m high with sealed doors and windows capable of resisting the applied wind pressures
- Roof pressure coefficients:  $C_{pe} = 1.5 \times -0.9 = -1.35$ ,  $C_{pi} = +0.2$  [ $C_{pi} = +0.7$  at cantilever]
- The building designer must take into account any application where the  $C_{pi}$  would exceed  $> 0.2$  in open or partly open structures
- Maximum cantilever for N1-W28, N2-W33 & N3-W41 is up to 40% actual backspan no greater than max length shown
- Maximum cantilever for N4-W50 & N5-W60 is up to 30% actual backspan no greater than max length shown (Maximum cantilever lengths cannot be exceeded. Choose a thicker panel to achieve the required cantilever) (Minimum width of cantilevered roof is 1.5 x cantilever)
- Wind Load Serviceability Criteria based on AS 4055,  $V_s = 0.64 \times V_u$
- Oversized gutters may affect the cantilever capability, please contact ARCPANEL
- Limited racking, diaphragm action and lateral restraint capacity, refer to page 13
- 300mm maximum side cantilever using full uncut panel
- Thermal R-Values are Total R-Values (Winter - Tested conductivity 0.038W/m.K at 23°C)
- In locations where the roof panels are not fixed to the parallel raked external walls (due to glazing and the like), the engineer shall select the panels using the max wind pressure calculated with upwind local pressure coefficients in accordance with AS1170.2

### GENERAL SPAN SELECTION NOTES

#### Live Loads:

Maximum distributed live load 0.25kPa.

#### Roofs in Alpine Areas:

Designer must refer to ARCPANEL for engineering advice regarding snow loadings.

#### Deflection Limits:

The ARCPANEL span tables have been provided with specific deflection limits indicated for serviceability wind speeds. The building designer must take all necessary care to select an appropriate panel thickness for their specific situation, taking into account the amount of potential roof panel movement relative to any attached non-structural elements, such as internal wall partitions and window frames etc. The building designer must also make allowance for deflections which can exceed those in the tables when the wind speeds are occasionally above the designated serviceability wind speed during extreme weather conditions.

#### Cantilever Deflections:

Note that cantilever deflections will depend on the backspan, rigidity of supports, building geometry and building permeability. Cantilever deflection can be up to (cantilever length) / 50 at serviceability wind speeds. The building designer must take all necessary care to select an appropriate panel thickness for their specific situation taking into account the amount of potential roof panel movement at the ends of and along the sides of cantilevered sections of the roof, relative to any adjacent attached flashings, downpipes, screen partitions and walls. The builder designer must also make allowance for cantilever deflections which can exceed (cantilever length) / 50 when wind speeds occasionally exceed serviceability wind speeds during extreme weather conditions. Cantilever deflections due to self weight can be up to (cantilever length) / 400.

NOTE: ABOVE SPAN TABLES ARE APPLICABLE TO ARCPANEL SMARTEK PANEL ONLY AND ARE ACHIEVABLE BY USING PROVEN MANUFACTURING METHODS AND PRODUCT TESTING. STRUCTURAL ADEQUACY OF THE PANEL IS CERTIFIED BY ARCPANEL CONSULTING ENGINEERS.



## Accessory Information

### OPEN-CELL FOAM INFILL STRIP (STANDARD)

Material: Open-Cell Foam Strip (Sticky-Back)  
 Size: 2000mm x 50mm x 30mm  
 Colour: Charcoal

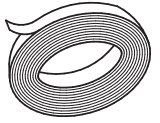


**Where to use:**

- Suitable for all external and internal support points not exposed to severe marine or aquatic conditions.
- Fit to the top of the wall frame or supporting member prior to the installation of the panel.
- Will fill any void between the support members and the roof corrugations.

### CLOSED-CELL FOAM TAPE

Material: Closed-Cell Foam Tape (Sticky-Back)  
 Size: 48mm x 3mm - 25m Roll  
 Colour: White

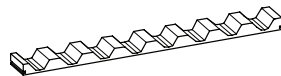


**Where to use:**

- Suitable for all external and internal support points running parallel along the length of panels. Use when panels are exposed to severe marine and aquatic conditions. Fit to the top of the wall frame or supporting member prior to installation of the panel.

### CLOSED-CELL FOAM INFILL STRIP

Material: Closed-Cell Profiled Foam Strip (non Sticky-Back)  
 Size: 905mm x 50mm x 23mm  
 Colour: White

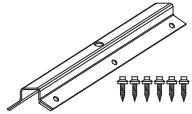


**Where to use:**

- Suitable for all external and internal support points exposed to severe marine or aquatic conditions
- Will fill any void between the support members and the roof corrugations.
- Fit to the top of the wall frame or supporting member prior to installation along the width of the panels

### SOLAR PANEL BRACKET KIT - SMARTEK PANEL

Material: Powder Coated Galvanised Steel  
 Size: 200mm x 1.6mm  
 Colour: Surfmist (Powder Coated)

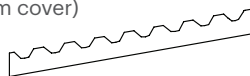


**Where to use:**

- Refer to Solar Panel Bracket & Fixing Requirements on page 17

### CORRUGATED INFILL

Material: COLORBOND® steel  
 Size: 792mm x 80mm x 0.42mm (700mm cover)  
 Colour: COLORBOND® steel Range



**Where to use:**

- The use of Corrugated Infill is required to fully seal wall/soffit junctions.
- On internal / external walls or both. It is attached to the wall prior to installing the lining. It is used as a permanent barrier between the inside and outside. It is used on walls that run at 90 degrees to the run of the roof panels.

### DRILL BITS

Material: Steel  
 Size: 250mm & 300mm  
 Colour: N/A



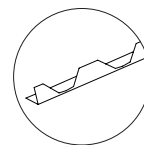
### BAL INFILL

Available for all ARCPANELS's sheeting profiles.

Material: COLORBOND® steel  
 Size: 792mm x 80mm x 0.42mm (700mm cover)  
 Colour: COLORBOND® steel Range



### END VIEW



For all BAL-12.5, BAL-19 & BAL-29 applications refer to BAL detailing on pages 47-48.

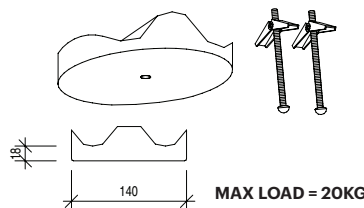
### CEILING MOUNTING KITS

A profiled circular timber block is available to mount low voltage lights, pendant lights, ceiling fans etc. The timber block is supplied natural (unpainted), it will need to be painted or oiled on site to suit the ceiling colour. The mounting of the timber block is to be undertaken in the following method: for light weight lighting and fans (up to 20kg), two toggle bolts are used to secure the mounting block to the underside of the ceiling. For heavier items

such as large ceiling fans and large pendant lighting (up to 40kg), the block is to be bolted through the panel from the top sheet into the block, using a standard roof screw T17 14-10, fitted with a cyclone plate, washer and seal.

### CEILING MOUNTING KIT - 140MM

Material: Timber (Hardwood)  
 Size: 140mm - Diameter  
 Colour: Natural Timber



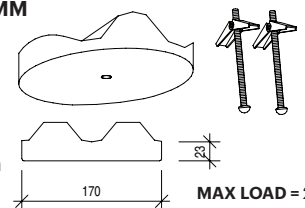
**Where to use:**

- Ideal for 90mm LED downlights
- Standard fan installations

MAX LOAD = 20KG

### CEILING MOUNTING KIT - 170MM

Material: Timber (Hardwood)  
 Size: 170mm - Diameter  
 Colour: Natural Timber



**Where to use:**

- Ideal for large fan installation
- Large light fittings

MAX LOAD = 20KG

# Smartek Panel

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