

Corrolink

Modern Sleek lines

An extremely modern look is achieved with Versiclad's Corrolink Structural Insulated Roof Panels, with a corrugated top skin available in all Colorbond® colours, and a flat ceiling face available in 3 different finishes and 3 colour options. In 5 thicknesses, with our thickest roof panel at 200mm, it achieves up to R_t 5.2, a huge insulation level for your home and an amazing trafficable free span ability.

Corrolink Features

- Minimum roof pitch only 5°
- Long trafficable unsupported span of up to 9.0m means less unsightly support beams
- Lightweight and easy to install
- Wiring services run through core ducts
- Fire retardant EPS insulated core dramatically reduces radiant heat transfer, mould, condensation and rain noise
- Fire flashings available to satisfy BAL-40 requirements
- Ceiling fan mounting plate
- Solar panel installation engineering
- LED downlights available
- Colorbond® Ultra corrosion resistant available on external skin (min volumes apply)
- Panels customised to your exact gutter cutback and lapping specifications
- Ceiling surface available in Smooth , Stucco embossed or Micraline.

Corrolink Specifications

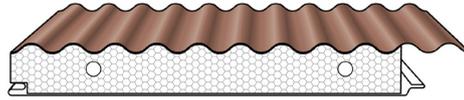
| Roof Sizes: | 65mm | 85mm | 115mm | 150mm | 200mm |
|-----------------------------------|--------------------------------|-----------|-----------|-----------|-----------|
| Overall Thickness: | 65mm | 85mm | 115mm | 150mm | 200mm |
| Mean R_t Value: Summer / Winter | 1.6 / 1.6 | 2.0 / 2.1 | 2.7 / 2.9 | 3.6 / 3.7 | 4.9 / 5.2 |
| Mass kg/m ² : | 8.71 | 8.92 | 9.23 | 9.59 | 10.11 |
| Min Length: | 1200mm | | | | |
| Max Length: | 9000mm | | | | |
| Trafficable Free Span: | See Span Table on reverse side | | | | |
| Cover width: | 765mm | | | | |
| Minimum roof pitch: | 5° | | | | |

Fixing Detail

- Fixed to support member with 14g self-drilling screws at every alternate crest
- Typically 5 screws to each panel, at each support.

Cyclonic Fixing Detail

- Fixed to supporting member with 14g self-drilling screws and cyclone assemblies or washers at every alternate crest
- Typically 5 screws and cyclone assemblies or washers to each panel at each support
- Uplift load capacity of fixing to supporting members shall be based on engineering advice
- Max overhang is 25% of the allowable span.



Notes

1. All windows included in the building shall be rated N1, N2, N3, N4, C1, C2, C3, in accordance with AS 2047
2. All glass included in the building shall be rated, N1, N2, N3, N4, C1, C2, C3, in accordance with AS 1288
3. For buildings in cyclonic wind regions, the building envelope (windows, doors and cladding) shall be capable of resisting impact loading equivalent to a 4kg piece of timber of 100 mm x 50 mm cross-section, projected at 15 m/s at any angle in accordance with Clause 5.3.2, AS/NZS 1170.2:2002.

Span Table

| Wind Class in accordance with AS4055 - 2006 | Panel Size | Maximum Single Span (mm) | | |
|---|------------|--------------------------|---------------|-----------------------|
| | | Fully Enclosed Room | One Side Open | Two/ Three Sides Open |
| N1 (W28N) | 65mm | 4770 | 4515 | 5035 |
| | 85mm | 5540 | 5240 | 5840 |
| | 115mm | 6530 | 6175 | 6875 |
| | 150mm | 7550 | 7150 | 7950 |
| | 200mm | 9000 | 9000 | 9000 |
| N2 (W33N) | 65mm | 3975 | 3805 | 4195 |
| | 85mm | 4610 | 4415 | 4860 |
| | 115mm | 5425 | 5195 | 5725 |
| | 150mm | 6250 | 6000 | 6600 |
| | 200mm | 8685 | 8305 | 9000 |
| N3 (W41N) | 65mm | 3135 | 2990 | 3285 |
| | 85mm | 3645 | 3470 | 3815 |
| | 115mm | 4285 | 4080 | 4495 |
| | 150mm | 4900 | 4700 | 5150 |
| | 200mm | 6820 | 6495 | 7165 |
| N4 (W50N) | 65mm | 2550 | 2435 | 2675 |
| | 85mm | 2955 | 2825 | 3105 |
| | 115mm | 3480 | 3335 | 3655 |
| | 150mm | 4000 | 3800 | 4200 |
| | 200mm | 5525 | 5280 | 5810 |
| C1 (W41C) | 65mm | 3000 | 2385 | 3145 |
| | 85mm | 3485 | 2770 | 3650 |
| | 115mm | 4100 | 3265 | 4300 |
| | 150mm | 4740 | 3750 | 4980 |
| | 200mm | 6815 | 5410 | 7165 |
| C2 (W50C) | 65mm | 2440 | 1945 | 2560 |
| | 85mm | 2825 | 2255 | 2970 |
| | 115mm | 3330 | 2660 | 3495 |
| | 150mm | 3850 | 3050 | 4050 |
| | 200mm | 5525 | 4400 | 5810 |
| C3 (W60C) | 65mm | 2000 | 1600 | 2100 |
| | 85mm | 2320 | 1850 | 2430 |
| | 115mm | 2725 | 2180 | 2870 |
| | 150mm | 3150 | 2500 | 3300 |
| | 200mm | 4510 | 3620 | 4745 |

in accordance with: Wind actions: Imposed load on roof: AS/NZS 1170.2:2002 - Clauses 5.3, 5.4 and D4. AS/NZS 1170.1:2002 – Clause 3.5