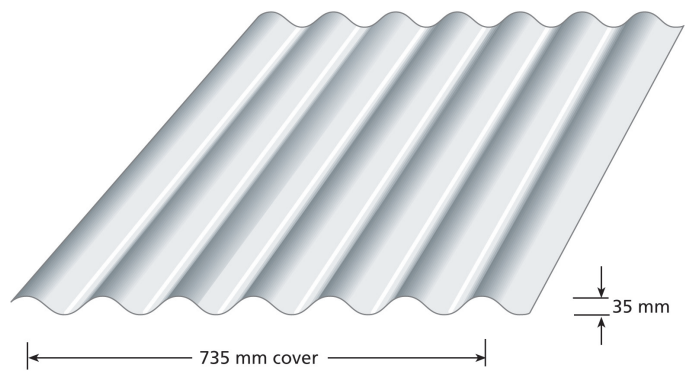


TRUE OAK 'SUPER 5'

Patented technology
EXCLUSIVE
to Revolution Roofing



FEATURES & BENEFITS

- 121mm x 35mm corrugation.
- 735mm coverage.
- Suitable for roofing & walling applications.
- Highly sought after larger area and bolder corrugations.
- Ability to go down to a 2 degree pitch.
- 60% deeper, 50% wider & 100% stronger than standard corrugated.
- A contemporary cousin to the original 'deep' 6 (152mm x 40mm) asbestos profile.
- 50% more water carrying capacity than standard corrugated.
- The profile is much stronger underfoot than standard shallow corrugated, will not dent under normal foot traffic.
- Improved lapping resulting in no sagging or gapping.

Note: To be used in conjunction with True Oak barge & ridge.

MATERIAL SPECIFICATIONS

Revolution Roofing only use 100% BlueScope Steel products.

ZINCALUME® steel aluminium/zinc alloy-coated steel complying with AS1397-2001 G550, AZ150 (550MPa minimum yield stress, 150g/m² minimum coating mass); or Stainless Steel standard grade designation is AISI/ASTM Type 430; UNS No. S43000.

COLORBOND® steel roofing metal thickness is 0.40, 0.42 or 0.48mm. G550, AZ150 (550MPa minimum yield stress, 150g/m² minimum coating mass). COLORBOND® Ultra base metal thickness is 0.42 or 0.48mm. G550, AZ200 (550MPa minimum yield stress, 200g/m² minimum coating mass).

COLORBOND® steel .60 Blue Orb G300, AZ150 (300Mpa minimum yield stress, 150g/m² minimum coating mass). COLORBOND® Metallic steel base metal thickness is 0.48mm. G550, AZ150 (550Mpa minimum yield stress, 150g/m² minimum yield stress, 150g/m² minimum coating mass). The COLORBOND® prepainted steel complies with AS/NZS2728:1997.

Production & Delivery (WA Only)

Please allow a 2 week lead time for production and delivery. Forward orders are recommended. We recommend you contact your nearest Revolution Roofing office prior to ordering this product.

MINIMUM ROOF PITCH 2 DEGREES

The TRUE OAK 'SUPER 5' can go down to a minimum roof pitch of 2 degrees. Sheet lengths greater than 24m will require an expansion joint.

Note: On a roof pitch less than 3 degrees, we recommend that the pans be turned down in accordance with Australian Standards SAA HB39 - 1997 Installation Code for metal roofing and wall cladding.

TOLERANCE & MASSES

TRUE OAK 'SUPER 5' Masses						
Measurement	Zincalume 0.40 BMT	Colorbond 0.40 BMT	Zincalume 0.42 BMT	Colorbond 0.42 BMT	Zincalume 0.48 BMT	Colorbond 0.48 BMT
kg/lm	3.28	3.33	3.43	3.49	3.91	3.95
kg/m ²	4.47	4.53	4.67	4.75	5.32	5.37

Tolerances

Length: +7mm/ -7mm Width: +4mm/ -4mm

GUARANTEED TO LAST

Revolution Roofing are so sure that their new True Oak corrugated will stand the test of time they are willing to back it up with an exclusive True Oak 20 Year Watertight Installation Guarantee. This back-to-back material & corrosion warranty is available only when the product is installed by a Revolution Roofing Licensed Contractor.



HISTORIC NEW COLOUR FROM THE PAST

Even BlueScope Steel is excited! To coincide with the launch of Revolution Roofings new True Oak corrugated profiles, BlueScope Steel have launched a new semi-metallic colour 'Cordite Grey' in the style of the original graphite micaceous paints.



Zincalume® Colorbond®

MILE END SOUTH SA
55 Scotland Road
P: 08 8352 0911 F: 08 8352 0922

LONSDALE SA
14 Bredbo Street
P: 08 8186 0545 F: 08 8186 1341

OSBORNE PARK WA
55b Hector Street
P: 08 9217 9011 F: 08 9204 5564



TRUE OAK 'SUPER 5'

SPAN TABLE NON-CYCLONIC

Revolution Roofing TRUE OAK 'SUPER 5'			
Recommended Maximum Support Spacings (mm) SPAN TABLE			
Roof Span	0.48 BMT	Trafficable 0.60	Controlled 0.60
Single Span	1200	800	1800
End Span	2400	1100	2200
Internal Span	3000	1500	2800
Unstiffened Eaves Overhang	250	-	-
Stiffened Eaves Overhang	600	-	-
Wall Span	0.40 BMT	0.48 BMT	
Single Span	1750	2100	
End Span	1900	2700	
Internal Span	2150	2900	
Unstiffened Eaves Overhang	400	450	
Stiffened Eaves Overhang	-	-	

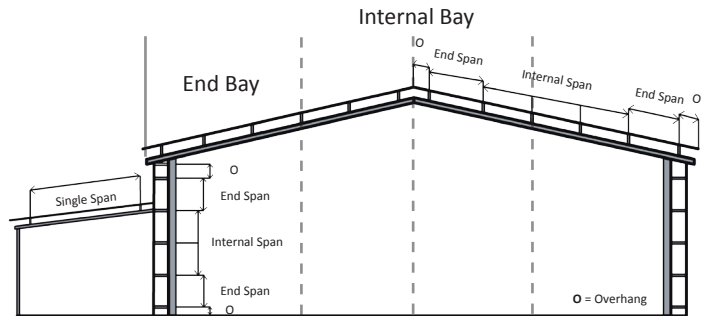
Trafficable Roof Span:

Assumed that foot traffic is distributed over a minimum of two ribs at any one time.

Note:

1. For roofing the data is based on foot traffic loading.
2. For walling the data is based on wind pressure.
3. The above data table is based on supports of 1mm BMT.

STANDARD INTERPRETATION OF SPANS



Design Parameters

Region A:
 Terrain Category 2
 Height = 10m
 $K_L = 2.0$
 $V_z = 45\text{m/sec}$
 $q^*u = 1.215\text{ kPa}$
 $q_s = 0.821\text{ kPa}$
 $C_{p,e} = -0.65$
 $C_{p,i} = 0.20$

	Internal	End
	$K_1 1.0$	$K_2 2.0$
	$\Sigma C = -0.85$	$\Sigma C = -1.50$
$P_{e1} =$	1.03 kPa	1.82 kPa
$P_{e2} =$	0.70 kPa	1.23 kPa

Note:

Table limits for walls based on pressures stated in above table.

INSTALLATION & SCREWS NON-CYCLONIC

Side Laps

Side-lapping of the True Oak 'SUPER 5' may be a requirement at maximum spans. It is generally considered good practice to use fasteners along side-laps to help hold the sheet laps firmly in place and maintain a weatherproof joint. When cladding is supported, side-lap fasteners are generally not needed for extra strength.

RECOMMENDED FASTENERS

Suggested TRUE OAK 'SUPER 5' - Non Cyclonic Pierce Fixing			
Type	Fixing To Steel (Up to 1.9mm)	Fixing To Steel (2.0mm - 3.5mm)	Fixing To Timber
Crest Fixed	M6.2-13 x 50mm Hex Head HiGrip w/- Seal	Self Drilling 14-14 x 68mm Hex Head HiGrip w/- Seal	M6.2 -13x65mm or 65mm T17 Timber
Valley Fixed (Wall Only)	M6.2 -13x25mm or 10-16 x 16mm Metal Tek's Hexagon Head with Seal		M6.2 -13x25mm or 10-12 x 25mm T17

TRUE OAK 'SUPER 5'

FASTENER SPACING NON-CYCLONIC

Crest Fastener Location - Roofing
6 fasteners per sheet - end supports and end laps



3 fasteners per sheet - internal supports
(roofing should be lapped away from prevailing weather)



Note: Side lap fasteners are optional when using 6 fasteners per sheet.

FASTENER SPACING CYCLONIC

Crest Fastener Location
6 fasteners per sheet - end supports and end laps



Crest Fastener Location
6 fasteners per sheet - internal supports
(roofing should be lapped away from prevailing weather)



Maximum Support Spacings

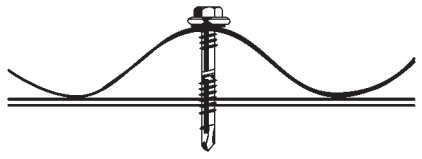
The maximum recommended support spacings are based on testing in accordance with AS1562.1-1992, AS4040.1-1992 and AS4040.2-1992. The recommended roof spans take in to consideration both resistance to wind pressure and light roof traffic (traffic arising from maintenance). The wall spans take in to consideration the resistance to wind pressure only.

Note: After exposure of cladding to an extreme wind event, it is recommended that inspection be performed to confirm cladding integrity.

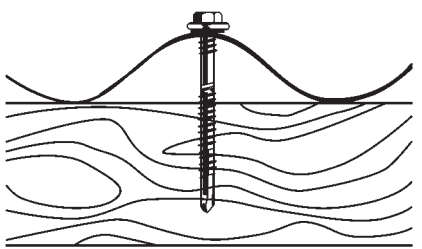
* The above data displayed is based on trend data, which is a true representation of the average product capability.

ROOFING CREST FIXING

Fixing to Steel

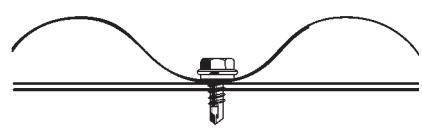


Fixing to Timber

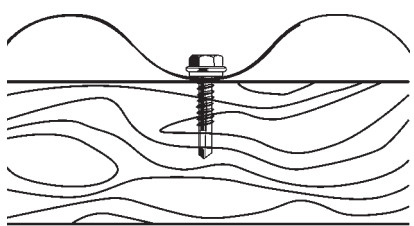


VALLEY FIXING

Fixing to Steel



Fixing to Timber



TRUE OAK 'SUPER 5'

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