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A REVOLUTION IN AUSTRALIAN ROOFING.



www.revolutionroofing.com.au



The roofing industry in Australia is about to undergo a revolution.

For too many years architects, builders and roofers have had limited choices in roofing and material options.

Until now.

In an industry starved of innovation, Revolution Roofing has taken the opportunity to bring a distinct character back to Australia's roofscapes. It's time to roll out a bolder, character filled and more aesthetically pleasing roofing alternative to stimulate, captivate and invigorate the way we think about steel roofing.

Introducing the True Oak series of corrugated roofing – a return to a rounder, fuller, deeper and more shapely profile in corrugated roofing, based on the original 19th Century Walkers 'Gospel Oak' profiles.

The unique True Oak range features more options, more colours and most importantly, more choices for anyone who specifies roofing.

Integrating form and function, the character and distinct shadowlines of the 3 new True Oak profiles are designed help to stimulate the imaginations of architects, builders, roofers and their customers.

The original deeper, residential grade corrugated profile was a 13/16 inch (21mm) rounded, snub nose design and strikingly different to the current shallow 16mm v-shaped corrugated profile. It was a quality product used to create functional buildings and distinctive forms of appealing simplicity.

Now, thanks to Revolution Roofing, it's back better than ever.

Corrugated iron has been around for over 180 years in Australia. Throughout this time, corro has gone from a choice of many varying profiles to a choice of just one (which was a fencing profile).

Roofing and material choices and options for specifying architects have become increasingly limited in Australia, with only one 3" shallow corrugated offering being available since 1939.

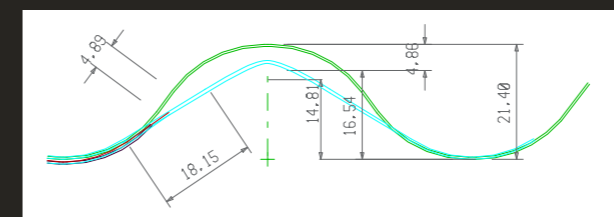
The revolutionary True Oak profiles, allow roofing to once again become a major part of a residential building's identity, style and charm.

By marrying the lessons of history with 21st Century technology, Revolution Roofing heralds a new era in roofing with its continuous, deep, fully rounded corrugated profile.

Not since 1829 has there been this much of a change to the Australian Roof Industry and we invite you to be among the first to take advantage of the superbly versatile True Oak series.

FEATURES OF THE TRUE OAK CORRUGATED SERIES

- Smooth, rounded Sinusoidal wave profile which can be seen from afar.
- Strikingly different from the shallow v-shaped post 1930's profile with no flat areas.
- Continuous curves create an ever changing shadow and 'prison bar' aesthetics.
- Revives the original classic 1829 profile.
- Superior strength and water carrying capacity.
- 20 Year Material & Installation Guarantee when installed by a Revolution Roofing Licensed Contractor.
- Reengineered superior profile.
- The optimised use of steel enables you to upgrade from standard shallow 16mm corrugated to the exclusive new True Oak 'deep' 21mm corrugated at no extra cost.



Continuous curves; no flat areas.



Norwood Oval's Grandstand retains its heritage with the new True Oak Deep profile.

TIMELINE OF STEEL ROOFING IN AUSTRALIA

- 1829** Wrought iron is first used in roofing with corrugations stamped in the sheets. The corrugated profile is patented.
- 1850-1890** Over 12 different corrugated profiles in various shapes and sizes available from over 30 brands.
- 1890-1930** External factors such as a decrease in colonisation, two World Wars and the depression lead to UK manufacturers standardising offer to a choice of 3 different corrugated 3" profiles. John Lysaght & Co. commence manufacturing corrugated in Australia. Steel technology replaces wrought iron.
- 1930-1939** Shallow v-shaped corrugated fencing iron migrates to the roof.
- 1959** Continuous roll forming of corrugated steel is introduced to the market.
- 1966** COLORBOND solid paint with galvanised base s first introduced in to the Australian market. A minor revolution...
- 1976** Zinalume based steel is first introduced in to the Australian market. A bigger revolution...
- 2001** Revolution Roofing's 3 True Oak corrugated profiles are introduced. First time the original profile is made in Australia in high tensile steel. BlueScope Steel introduces 'Cordite Grey' micaceous paint finish.

Ecospecifier Global GreenTag™ Certification.

We wanted to be sure that the True Oak Deep corrugated roofing ticks all the boxes including being as green as possible.

That's why we've applied to have it properly rated by ecospecifier global. Ecospecifier's global GreenTag™ ratings are only given when:

- The products are third party verified or GreenTag™ certified.
- Meet robust eco-toxicity, health and biodiversity standards.
- Assessed against all major green building rating tools.

For specifiers, this means if they use ecospecifier as a reference check in specifying materials, it allows them to spend maximum time on design as the research is already done for them. Which is why the True Oak Deep corrugated roofing is not only an aesthetic choice, but an environmental one as well.



EXCITING NEW COLOUR UNIQUE TO REVOLUTION ROOFING

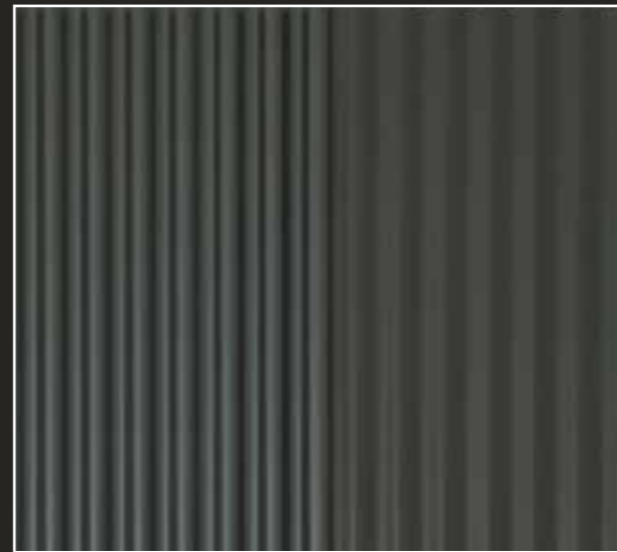
Even BlueScope Steel is excited! To coincide with the launch of Revolution Roofing's new True Oak corrugated profiles, BlueScope Steel have launched a new semi-metallic colour 'Cordite Grey' in the style of the original graphite micaceous paints.

Materials & Finishes

Revolution Roofing only uses 100% BlueScope Steel products.



Colorbond® Zinalume®



Left: True Oak 'Deep' 21mm Corrugated Right: Shallow Standard 15.9mm Corrugated

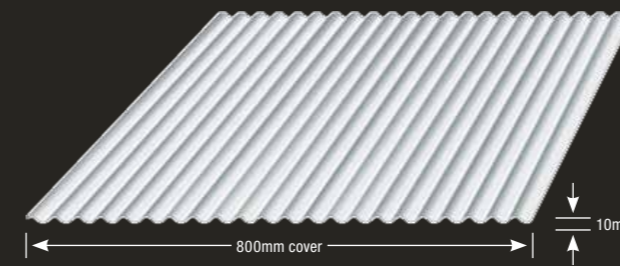
GUARANTEED TO LAST

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 and corrosion warranty is available only when the product is installed by a Revolution Roofing Licensed Contractor.



The True Oak 'MID'



FEATURES & BENEFITS

- 38mm x 10mm.
- Suitable for walling, ceiling, verandah and canopy applications.
- Patented True Oak technology exclusive to Revolution Roofing.
- Sinusoidal profile highlights different facets of the waves when viewed from different perspectives.
- 50% wider and 100% stronger than 25mm x 6mm standard miniature corrugated.
- Available in 0.42 BMT gauge in COLORBOND® Steel, Zinalume® and Galvanised.
- Profile is less 'busy' on larger areas.
- New horizontal walling opportunities ensuring the profile is watertight.
- Improved lapping resulting in no sagging or gapping.
- Twice the area for fixings than standard 'mini' corrugated.

TOLERANCE & MASSES

TRUE OAK '5' Masses		
Measurement	Zinalume 0.42 BMT	Colorbond 0.42 BMT
kg/m	3.25	3.32
kg/m ²	4.00	4.10
m ² /t	250	244

Tolerances

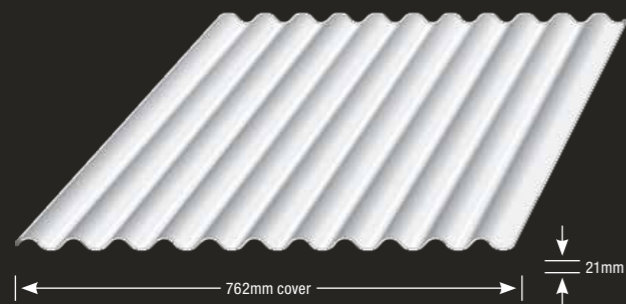
Length: +10mm/-10mm; Width: +4mm/-4mm.

SPAN TABLE NON-CYCLONIC WALLING

Revolution Roofing TRUE OAK 'MID'	
Recommended Maximum Support Spacings (mm) SPAN TABLE	
Type of Wall Span BMT (mm)	0.42
Single Span	1500
End Span	1500
Internal Span	1500
Overhang	200

- Note:**
1. For walling the data is based on wind pressure.
 2. The above data table is based on supports of 1mm BMT.
 3. Fastening the sidelaps mid span will improve the overall appearance whilst not affecting the functionality of the product.
 4. Refer "RevSpec" for the correct fasteners to be used in roofing and walling applications.

The True Oak 'DEEP'



MINIMUM ROOF PITCH

The TRUE OAK 'DEEP' can go down to a minimum roof pitch of 3 degrees. Sheet lengths greater than 24m will require an expansion joint.

TOLERANCE & MASSES

Measurement	TRUE OAK 'DEEP' Masses			
	Zincalume 0.42 BMT	Colorbond 0.42 BMT	Zincalume 0.48 BMT	Colorbond 0.48 BMT
kg/lm	3.43	3.49	3.91	3.95
kg/m ²	4.50	4.58	5.13	5.18

Tolerances

Length: +10mm/-10mm; Width: +4mm/-4mm.

SPAN TABLE NON-CYCLONIC

Revolution Roofing TRUE OAK 'DEEP'		
Recommended Maximum Support Spacings (mm) SPAN		
Type of Roof Span BMT (mm)	0.42	0.48
Single Span	800	950
End Span	1100	1500
Internal Span	1500	1900
Unstiffened Eaves Overhang	250	300
Stiffened Eaves Overhang	400	450
Type of Wall Span BMT (mm)	0.42	0.48
Single Span	1800	1900
End Span	2700	2900
Internal Span	2700	2900
Overhang	250	300

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
4. Refer "RevSpec" for the correct fasteners to be used in roofing and walling applications.

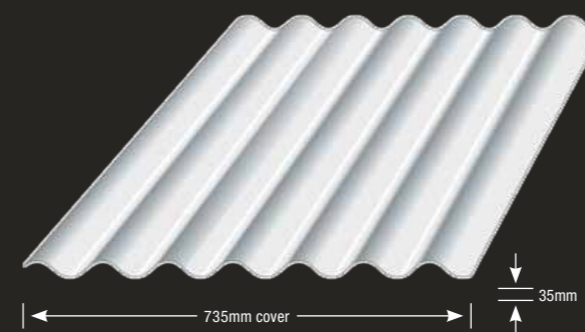
FEATURES & BENEFITS

- 76mm x 21mm corrugation.
- Suitable for roofing, walling and fencing applications.
- Also available in Z600 heritage galvanised 8 and 10 flute cover.
- 40% deeper and 40% stronger than standard shallow corrugated.
- Available in two standard gauges – 0.42 and 0.48 in COLORBOND® Steel, Zincalume® and Galvanised.
- Curving available in 0.60 BMT in COLORBOND® Steel, Zincalume® and Galvanised.
- This profile is much stronger underfoot and is far less susceptible to denting by foot traffic.

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

The True Oak 'Super 5'

Based on the 'Scotch Iron' 19th Century profile.



MINIMUM ROOF PITCH

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.

TOLERANCE & MASSES

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

Tolerances

Length: +10mm/-10mm; Width: +4mm/-4mm.

SPAN TABLE NON-CYCLONIC

Revolution Roofing TRUE OAK 'SUPER 5'		
Recommended Maximum Support Spacings (mm) SPAN TABLE		
Type of Roof Span BMT (mm)	0.42	0.48
Single Span	1600	2000
End Span	1700	2500
Internal Span	2100	3000
Unstiffened Eaves Overhang	250	250
Stiffened Eaves Overhang	600	600
Type of Wall Span BMT (mm)	0.42	0.48
Single Span	2100	1900
End Span	2100	2700
Internal Span	2400	2900
Unstiffened Eaves Overhang	300	300
Stiffened Eaves Overhang	450	450

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
4. Refer "RevSpec" for the correct fasteners to be used in roofing and walling applications.

FEATURES & BENEFITS

- 121mm x 35mm corrugation.
- Suitable for roofing and walling applications.
- Highly sought after larger area and bolder corrugations.
- 60% deeper, 50% wider and 100% stronger than standard corrugated.
- A contemporary cousin to the original 'deep' 6 inch (152mm x 40mm) asbestos profile.
- 50% more water carrying capacity than standard corrugated.
- Available in two standard gauges – 0.42 and 0.48 BMT in COLORBOND® Steel, Zincalume® and Galvanised.
- Curving available in 0.60 BMT in COLORBOND® Steel, Zincalume® and Galvanised.
- This profile is much stronger underfoot and is far less susceptible to denting by foot traffic.

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