A REVOLUTION IN AUSTRALIAN ROOFING.

TRUE OAK
REVOLUTION

The roofing industry in Australia

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.

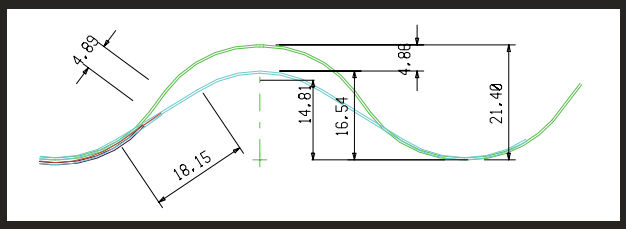
By marrying the lessons of history with 21st Century technology, Revolution Roofing heralds a new era in roofing with its continuous, deep, fully rounded corrugated profile.

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.

is about to undergo a revolution.

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 optimising the use of steel.



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 Zincalume based steel is first introduced in to the Australian market. A bigger revolution…

2011 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.

ecospecifier global GREEN TAG™ UNDER CERTIFICATION

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.

STEEL SUPPLIED BY BLUESCOPE STEEL Colorbond® Zincalume®

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

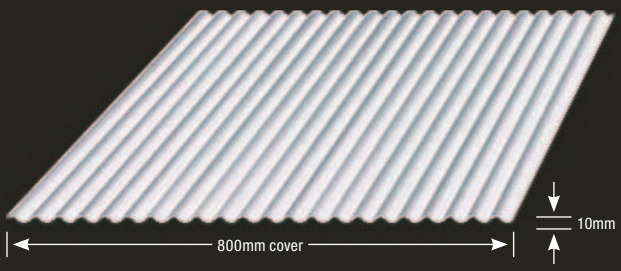
GUARANTEED TO LAST

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.

20 YEAR Watertight Installation Guarantee TRUE OAK

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.
- Sinusodial 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 COLORBOND®Steel, Zincalume® 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 gaping.
- Twice the area for fixings than standard ‘mini’ corrugated.

TOLERANCE & MASSES

TRUE OAK ‘MID’ Masses		
Measurement	Zincalume 0.42 BMT	Colorbond 0.42 BMT
kg/lm	3.26	3.32
kg/m^2	4.08	4.15
m^2/t	245	240

Tolerances

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

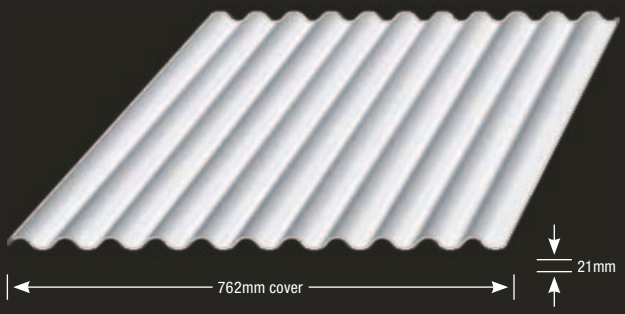
SPAN TABLE NON-CYCLONIC WALLING

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’



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 3 standard gauge - 0.40 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.

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

TRUE OAK ‘DEEP’ 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	4.30	4.37	4.50	4.58	5.13	5.18

Tolerances

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

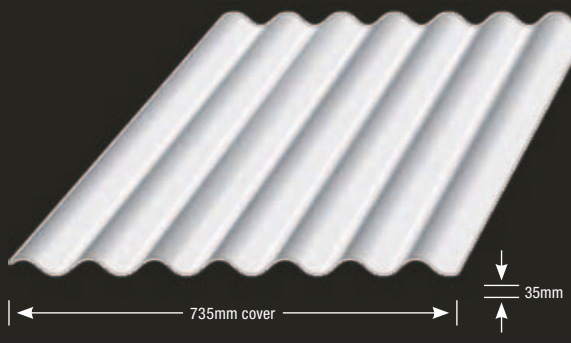
SPAN TABLE NON-CYCLONIC

Revolution Roofing TRUE OAK ‘DEEP’ Recommended Maximum Support Spacings (mm) SPAN				Trafficable	Controlled
Type of Roof Span	**0.40**	**0.42**	**0.48**	**0.60**	**0.60**
Single Span	750	800	950	900	1500
End Span	950	1100	1500	1200	1900
Internal Span	1350	1500	1900	1600	2600
Unstiffened	250	250	300		
Stiffened	400	400	450		
Type of Walling Span	**0.40**	**0.42**	**0.48**		
Single Span	1700	1800	1900		
End Span	2300	2500	2700		
Internal Span	2500	2700	2900		
Overhang	250	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.

The True Oak ‘Super 5’

Based on the ‘Scotch Iron’ 19th Century profile.



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 standard gauges - 0.40 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.

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

TRUE OAK ‘SUPER 5’ Masses				
Measurement	Zincalume 0.40 BMT	Colorbond 0.40 BMT	Zincalume 0.48 BMT	Colorbond 0.48 BMT
kg/lm	3.28	3.33	3.91	3.95
kg/m²	4.47	4.53	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			Trafficable	Controlled
Type of Roof Span		**0.48**	**0.60**	**0.60**
Single Span		1200	800	1800
End Span		2400	1100	2200
Internal Span		3000	1500	2800
Unstiffened		250		
Stiffened		600		
Type of Walling Span	**0.40**	**0.48**		
Single Span	1750	2100		
End Span	1900	2700		
Internal Span	2150	2900		
Overhang	400	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.

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