

BUILD ON INSPIRATION.

DESIGN IN STEEL

LYSAGHT



**2019
EDITION**

Featuring winners of the
2018 Lysaght Inspirations Design Awards

Colorbond®

THE ART OF STEEL

Since its earliest incarnations, steel has allowed us to bring into being the previously unimaginable.

From strong weapons that shaped mighty empires, to durable implements that conquered the land, to wondrous metallic bones that let us build boldly and scrape the sky with towering structures, steel has given us the strength to achieve the extraordinary.

A glistening thread woven into the very fabric of life, steel has spanned the ages, profoundly shaping the architecture of yesteryear and now inspiring the architecture of tomorrow through its ability to form sweeping curves and dramatic planes with greater versatility than any other material.

At Lysaght, we have harnessed the strength of steel to produce an array of stylish roofing and walling profiles, supported by a host of ancillary products and available in an ever-increasing colour palette, which are designed to give form to an architect's imagination and breathe life into their creative vision.

And because they have been manufactured from 100 per cent Australian COLORBOND® and ZINCALUME® steel, are extensively performance-tested and come with a BlueScope warranty, good looks are only one of their many strengths.



Throughout this compendium, you will find countless examples of inspired designs where LYSAGHT® steel products have been specified for their exceptional aesthetic and performance properties. We hope you find this to be a valuable resource and inspiration for your projects now and into the future.



CONTENTS

Augmented Reality	03
Commercial Inspirations	05
Residential Inspirations	07
2018 Lysaght Design Inspirations	
Award Winners Gallery	09
CUSTOM ORB®	15
TRIMDEK®	17
SPANDEK®	19
CUSTOM ORB ACCENT®	21
KLIP-LOK®	23
PANELRIB®	25
MULTICLAD®	26
MINI ORB®	27
WALLCLAD®	29
ZENITH™ Range	31
LONGLINE 305®	33
DOMINION™	35
IMPERIAL®	36
BAROQUE™	37
ENSEAM™	38
PERMALITE®	39
YOURCOLOR™ Custom Colours	41
Structural Products	43
Fencing Solutions	45
The Finishing Touches	47
Long Length Roofing - Mobile Rollforming	49
Long Length Roofing - LOK-KLIP®	
& TRIM-KLIP®	50
Pop Up Penetration	51
Design Assistance Capability	52
Specifications - Roofing & Walling	53
Specifications - Walling	55
Specifications - Rainwater	56
Specifications - Fencing	57
Specifications - Material	57
Product Availability	58



Roofing product



Walling product

AUGMENTED REALITY

This brochure features LYSAGHT REALVIEW™ augmented reality capability to provide an exciting way to experience the LYSAGHT® range of steel building products.

Simple to activate using the steps detailed below, LYSAGHT REALVIEW™ brings the projects to life with enhanced 3D building models showcasing LYSAGHT® products.

By using LYSAGHT REALVIEW™ you can change product colours and access impressive case studies or further product information specific to the LYSAGHT® product being viewed.

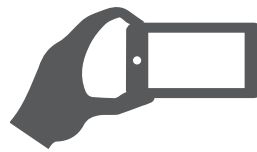
HOW TO UNLOCK THE EXPERIENCE



Simply download the LYSAGHT REALVIEW™ app from Apple/Play store.



Look out for this symbol on selected page spreads to experience augmented reality.



Point your device camera over the page spread and let us inspire you with an augmented reality experience.



COMMERCIAL INSPIRATIONS

With a wide selection of roofing and walling profiles which each convey a unique visual character and display exceptional performance qualities, LYSAGHT® cladding is often specified as a key element in commercial architectural design. The ability of our profiles to play this important role in inspiring and delivering on an architect's design vision is enhanced by the vibrant colour palette available through the LYSAGHT YOURCOLOR™ custom colour offer.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE







RESIDENTIAL INSPIRATIONS

Across the nation and across the exciting spectrum of residential architecture now being seen, the aesthetics, performance and versatility of LYSAGHT® steel roofing and walling profiles are proving invaluable in inspiring and giving form to exceptional designs. Whether your design is contemporary or traditional in nature, the extensive array of LYSAGHT® steel profiles, in a myriad of colours, offers you endless possibilities in bringing that design to life.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE







**2018
INSPIRATIONS
DESIGN
AWARDS**

WINNERS GALLERY



OVERALL WINNER TOWER HOUSE

by Austin Maynard Architects

Presented with the opportunity to extend a bungalow in the unassuming Melbourne suburb of Alphington, the architects knew that ostentatious or imposing additions would be out of the question.

So, they did the opposite and created an anti-monolith. They gave the project a modernist twist and came up with a village of mini-towers, featuring LYSAGHT LONGLINE 305® cladding in COLORBOND® steel Surfmist®.

The LONGLINE 305® cladding, with its slender, high ribs and broad, flat pans proved the perfect fit for the home's striking structures. Its smooth, machine-made lines contrast effectively with the less uniform, hand-installed shingles; while the Surfmist® colour of the COLORBOND® steel, which is reminiscent of pure white sand or the sails of a yacht, brightens the entire residence.



LYSAGHT. BUILD ON.





RESIDENTIAL WINNER

FALCON BEACH HOUSE

by Iredale Pedersen Hook Architects

Built with economy, robustness and restraint, Falcon Beach House is a successful modern-day homage to WA's beach house heritage of fifty years ago.

Hovering above the ground on a series of cranked steel columns and brick piers, the upper level of the house is clad in LYSAGHT CUSTOM ORB® corrugated cladding in COLORBOND® Ultra steel in the colour Surfmist®. As the name suggests, this clean colour matches nicely with the ever-present white sand, sea spray, and sunshine.

The architects utilised LYSAGHT TOPSPAN® 22 and LYSAGHT TOPSPAN® 40 ceiling battens as light-weight to timber, as well as featuring LYSAGHT® Quarter Round guttering, LYSAGHT SPANDEK® cladding and LYSAGHT® Zed purlins.





COMMERCIAL WINNER

MPH PROJECTS HQ

by Susan Dugdale & Associates

The new MPH Projects headquarters, located in Alice Springs, includes a large 'design and construct' steel shed, as well as a two-storey section that houses reception, office and staff amenities.

The office, which provides views across town and to the nearby MacDonnell Ranges, features large wing-like sunhoods. Clad in LYSAGHT CUSTOM ORB® wall cladding, these striking angular structures provide relief from the intense Northern Territory sun.

The project also features LYSAGHT TRIMDEK® on the main shed roof, LYSAGHT® purlins and girts as structural elements and LYSAGHT BONDEK®, the versatile and robust steel formwork system.



**RESTORATION WINNER****COOKS RIVER
HOUSE -
ELLERSLIE**

by Mackenzie Pronk Architects

Tasked with restoring 'Ellerslie', a terrace house that dates back to 1886, the architects settled on a two-pronged approach.

The first of these was a full restoration including LYSAGHT CUSTOM ORB ACCENT® roofing in ZINCALUME® steel, along with original style LYSAGHT QUAD gutters and round downpipes, while the second involved additions to the historic residence. These additions feature LYSAGHT CUSTOM ORB® wall cladding in ZINCALUME® steel.

An unqualified success, the result allowed Ellerslie to not only return to its former glory, but also to step confidently into the 21st century.



LYSAGHT. BUILD ON.



2018 LYSAGHT INSPIRATIONS DESIGN AWARDS

WINNERS AND PROJECT DETAILS



MAJOR WINNER: TOWER HOUSE

Designed by Austin Maynard Architects | W: maynardarchitects.com | P: 0497 020 635

Product:

- LYSAGHT LONGLINE 305® cladding in COLORBOND® steel Surfmist®



RESIDENTIAL WINNER: FALCON BEACH HOUSE

Designed by Iredale Pedersen Hook Architects | W: iredalepedersenhook.com | P: 08 9322 9750

Product:

- LYSAGHT CUSTOM ORB® cladding in COLORBOND® Ultra steel in the colour Surfmist®
- LYSAGHT TOPSPAN® 22 and as LYSAGHT TOPSPAN® 40 ceiling battens
- LYSAGHT SPANDEK® roofing and walling cladding
- LYSAGHT® Quarter Round Guttering
- Fascia Purlin



COMMERCIAL WINNER: MPH HQ

Designed by Susan Dugdale & Associates | W: dugdale.com.au | P: 08 8953 6533

Product:

- LYSAGHT CUSTOM ORB® wall cladding
- LYSAGHT BONDEK®
- LYSAGHT TRIMDEK®
- LYSAGHT® purlins and girts



RESTORATION WINNER: COOKS RIVER HOUSE - ELLERSLIE

Designed by Mackenzie Pronk Architects | W: mackenziepronk.com.au | P: 02 9559 4595

Product:

- LYSAGHT CUSTOM ORB® in ZINCALUME® steel
- LYSAGHT CUSTOM ORB ACCENT® roof sheeting
- LYSAGHT QUAD gutters and round downpipes
- ZINCALUME® steel flashings





CUSTOM ORB®

Delivering a pleasingly textured visual with its uniform 'ripple', this is the famous and original LYSAGHT® corrugated profile which others can only imitate. A long, wide, strong, lightweight and economical profile, LYSAGHT CUSTOM ORB® cladding offers the versatility of being laid flat or spring curved and is equally at ease in both traditional and contemporary architecture.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP

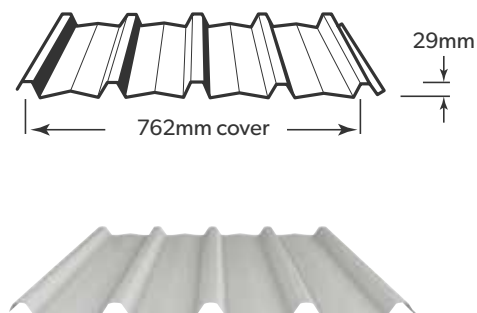




TRIMDEK®

A popular and versatile cladding featuring bold, trapezoidal ribs and subtle fluting in the pans, this profile provides any project with a clean, elegant finish and is available in long lengths, allowing one sheet to span from ridge to gutter without end laps on most applications. Made of rigid high strength steel yet remarkably light, LYSAGHT TRIMDEK® roofing provides excellent spanning capacity and remarkable recovery after deformation.

TRIMDEK® roofing is also suitable for long length roofing applications using the innovative TRIM-KLIP® system.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHTREALVIEW™ APP









SPANDEK®

The contemporary-looking, square-corrugated profile of LYSAGHT SPANDEK® cladding is ideal where a stronger, bolder and more modern corrugated appearance is required. Combining strength with lightness and rigidity, this popular cladding delivers durability, impact-resistance and economy with richly textured good looks.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE





CUSTOM ORB ACCENT®

The beloved corrugated LYSAGHT CUSTOM ORB® cladding takes on new dimensions in the more deeply corrugated LYSAGHT CUSTOM ORB ACCENT® cladding profiles. CUSTOM ORB ACCENT® 21 is a mid-depth corrugated cladding offering a stronger corrugated visual, while CUSTOM ORB ACCENT® 35 is a striking cladding with corrugations 120% deeper and 50% wider than traditional corrugated profiles. Both provide improved resistance to damage and greater spanning capacity.

CUSTOM ORB ACCENT® 21



CUSTOM ORB ACCENT® 35



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



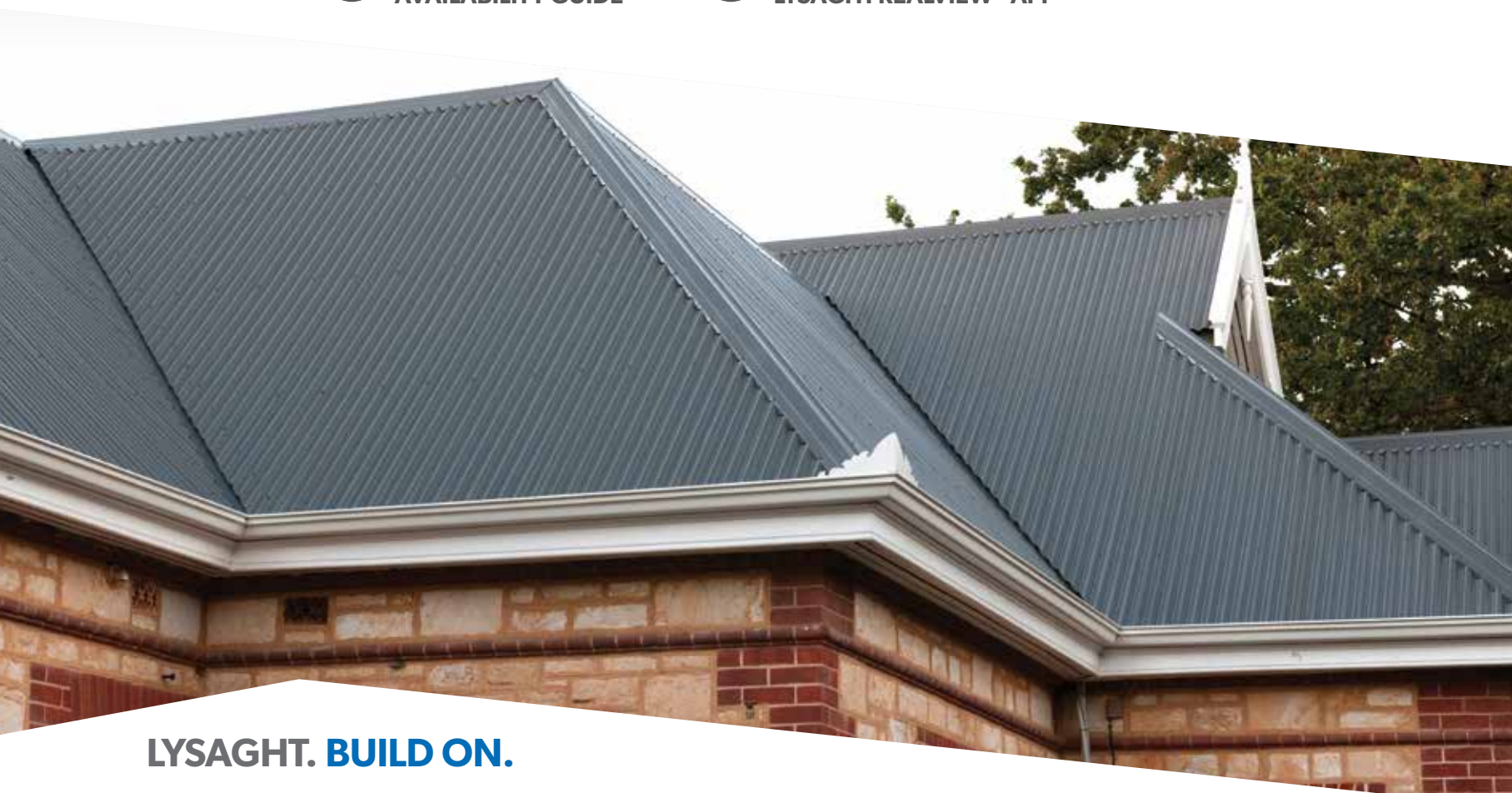
For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



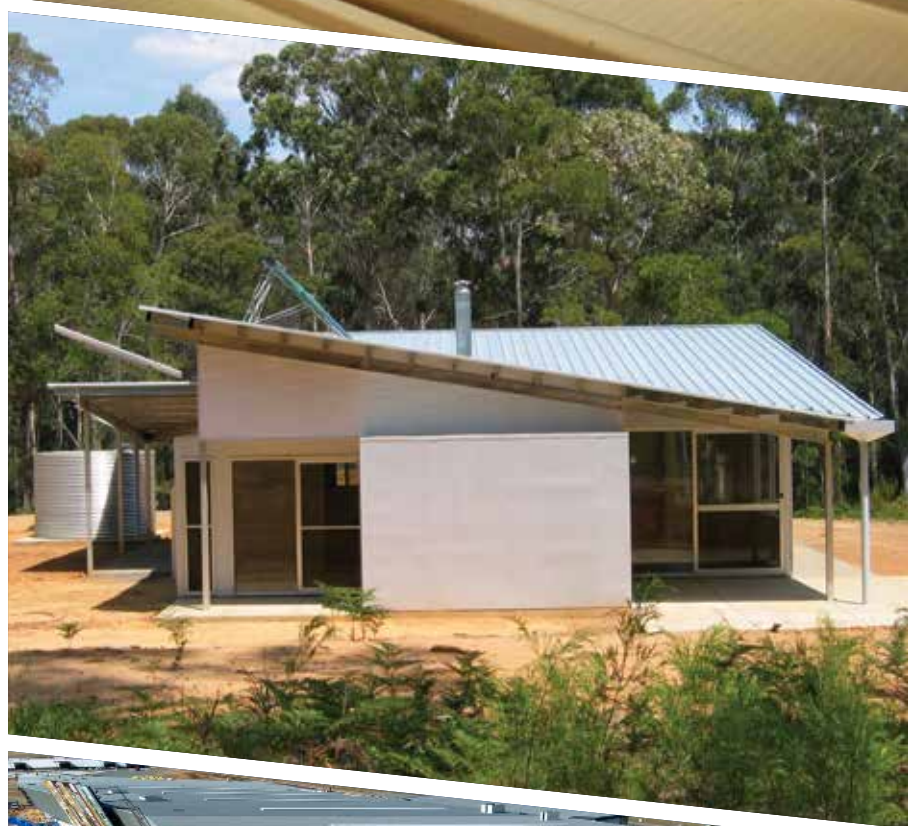
For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP







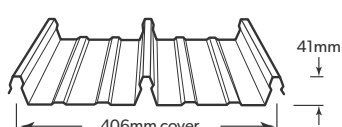


KLIP-LOK®

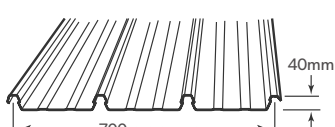
LYSAGHT KLIP-LOK® cladding has long been a design favourite for prestige commercial, industrial and architectural projects. Featuring a substantial, bold rib rising from wide, fluted pans, this cladding creates a dynamic linear visual and uses a concealed fixing system for uninterrupted lines and superb watertightness. The LYSAGHT KLIP-LOK® range offers three profiles: KLIP-LOK® 406 and KLIP-LOK CLASSIC® 700 featuring longitudinal fluting and KLIP-LOK 700 HI-STRENGTH® featuring transverse fluting* and ideal for spring curving.

KLIP-LOK® roofing is also suitable for long length roofing applications using either the innovative LOK-KLIP® system or Lysaght's mobile rollformer capability.

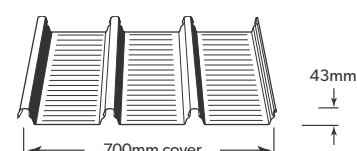
KLIP-LOK® 406



KLIP-LOK CLASSIC® 700



KLIP-LOK 700 HI-STRENGTH®



*KLIP-LOK 700 HI-STRENGTH® with longitudinal fluting available in some regions.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



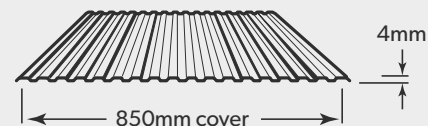
Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP





PANELRIB®

A subtle, fluted profile with a gentle, regular rib, LYSAGHT PANELRIB® wall cladding is easily fixed and ideal for interior and exterior walling applications or as a feature. Sheets can be run vertically or horizontally and can be used flat or curved, with the longitudinal flutes providing rigidity along the length of the sheet while retaining full flexibility across the width.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP



MULTICLAD®

An attractive profile featuring a pleasing trapezoidal rib and longitudinal fluting in the pans, LYSAGHT MULTICLAD® wall cladding can be used with ribs running vertically or horizontally and is extremely versatile and particularly suitable when an inexpensive, lightweight and quick-to-install cladding is required.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



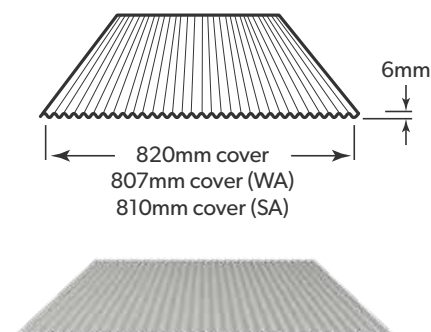
Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP





MINI ORB®

With delightful mini-corrugations that make a dramatic visual impact, MINI ORB® wall cladding is suitable for interior and exterior applications and is a perfect complement to other LYSAGHT® roof and wall claddings when used as an accent feature. This profile is suitable for flat and curved installations, with ribs running vertically or horizontally, and is ideal for decorative walls and ceilings.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



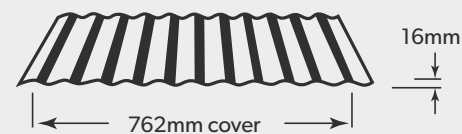
Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP





WALLCLAD®

This attractive, lightweight and versatile corrugated wall cladding is ideal for commercial, industrial and residential buildings, whether in traditional or contemporary architectural styles. WALLCLAD® perfectly complements the LYSAGHT CUSTOM ORB® corrugated roofing profile and corrugations can run vertically or horizontally on walls to create strong and pleasing design features.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE





ZENITH™ RANGE

LYSAGHT ZENITH™ ARCHITECTURAL PROFILES. A TOUCH OF EUROPE FROM AUSTRALIA'S TRUSTED EXPERIENCE IN STEEL

LYSAGHT® steel cladding has long been a valuable design resource for Australian architects, providing aesthetically appealing and versatile facades that add exciting visual dimensions to their designs.

In the ZENITH™ cladding range, that design value has reached new heights with profiles that deliver bolder aesthetics than seen before, paired with the exceptional performance you have come to know and expect from LYSAGHT® steel products.

The premium LYSAGHT ZENITH™ range comprises five inspirational profiles:

- LYSAGHT LONGLINE®
- LYSAGHT DOMINION™
- LYSAGHT IMPERIAL®
- LYSAGHT BAROQUE™
- LYSAGHT ENSEAM™



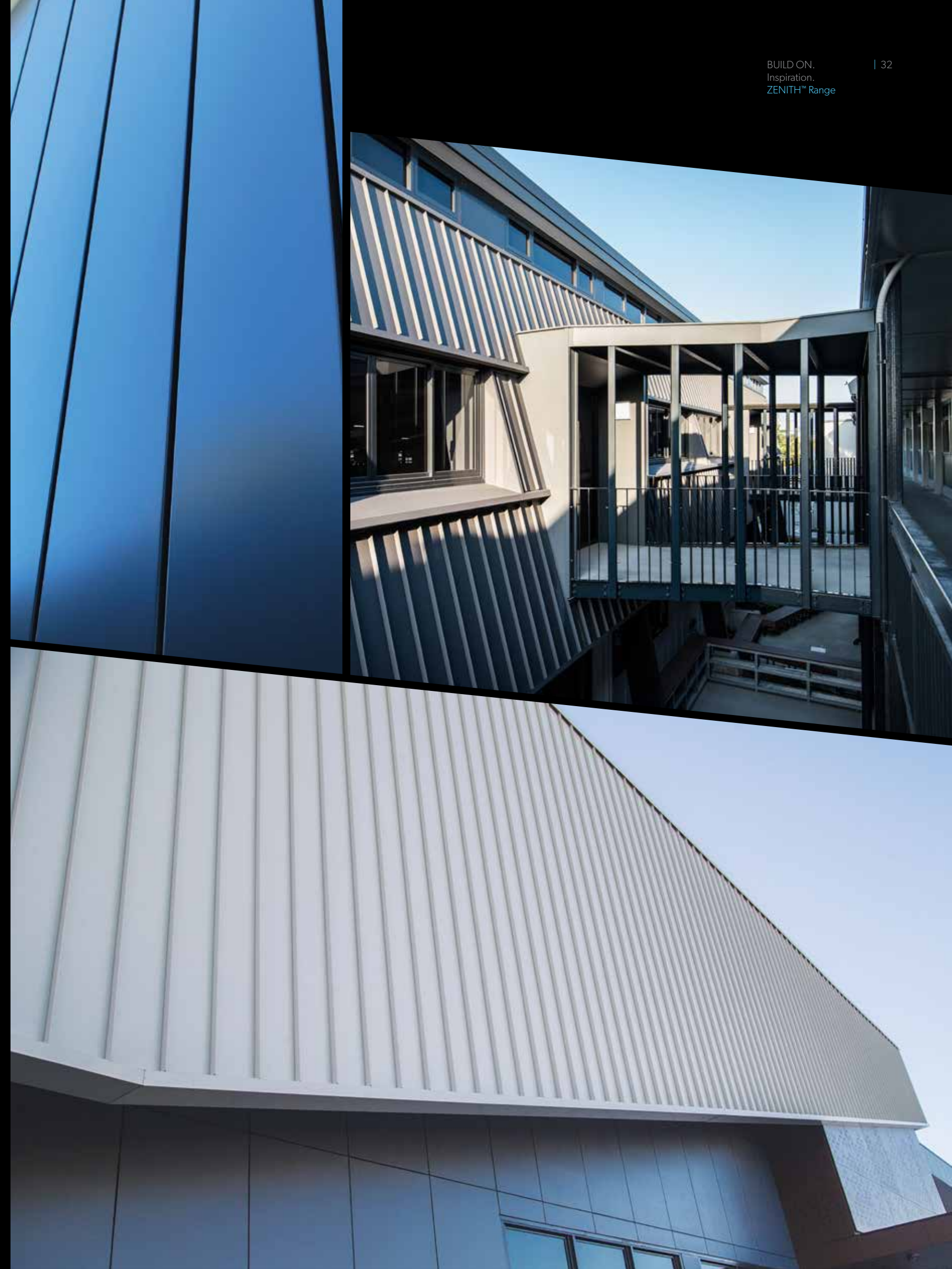
For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE







LONGLINE 305®

Extremely popular among architects, this striking cladding features slender, high ribs and broad, flat pans that make a dramatic statement on any structure. Using a concealed fixing system to maintain its clean lines LYSAGHT LONGLINE 305® cladding is available with plain or fluted pans and can also be tapered for a fan-like effect where curvilinear roofs require a tailored cladding solution.

LONGLINE 305® WA supplied in WA.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



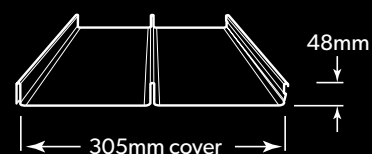
For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP





DOMINION™

Whether used in long lengths running vertically or horizontally on a structure, or in shorter lengths to create a 'block-like' effect, LYSAGHT DOMINION™ makes a strong and extremely stylish statement. With raised panels and recessed, 'express' joins, this profile conveys a sleek, contemporary character with a pleasing detail created by the shadowed 'channels'.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



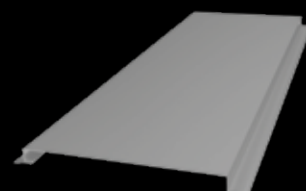
For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



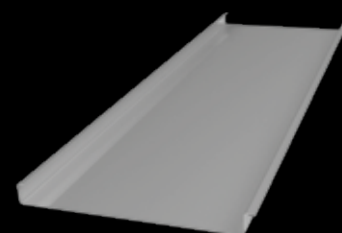
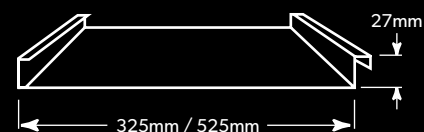
Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP





IMPERIAL®

The sky is truly the limit with LYSAGHT IMPERIAL®. Featuring broad, flat pans and slender, well-defined ribs, this cleanly elegant cladding complements virtually any architectural design. Combine those good looks with a curving capacity not readily achieved in all cladding, and you have the ultimate profile for style and versatility.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



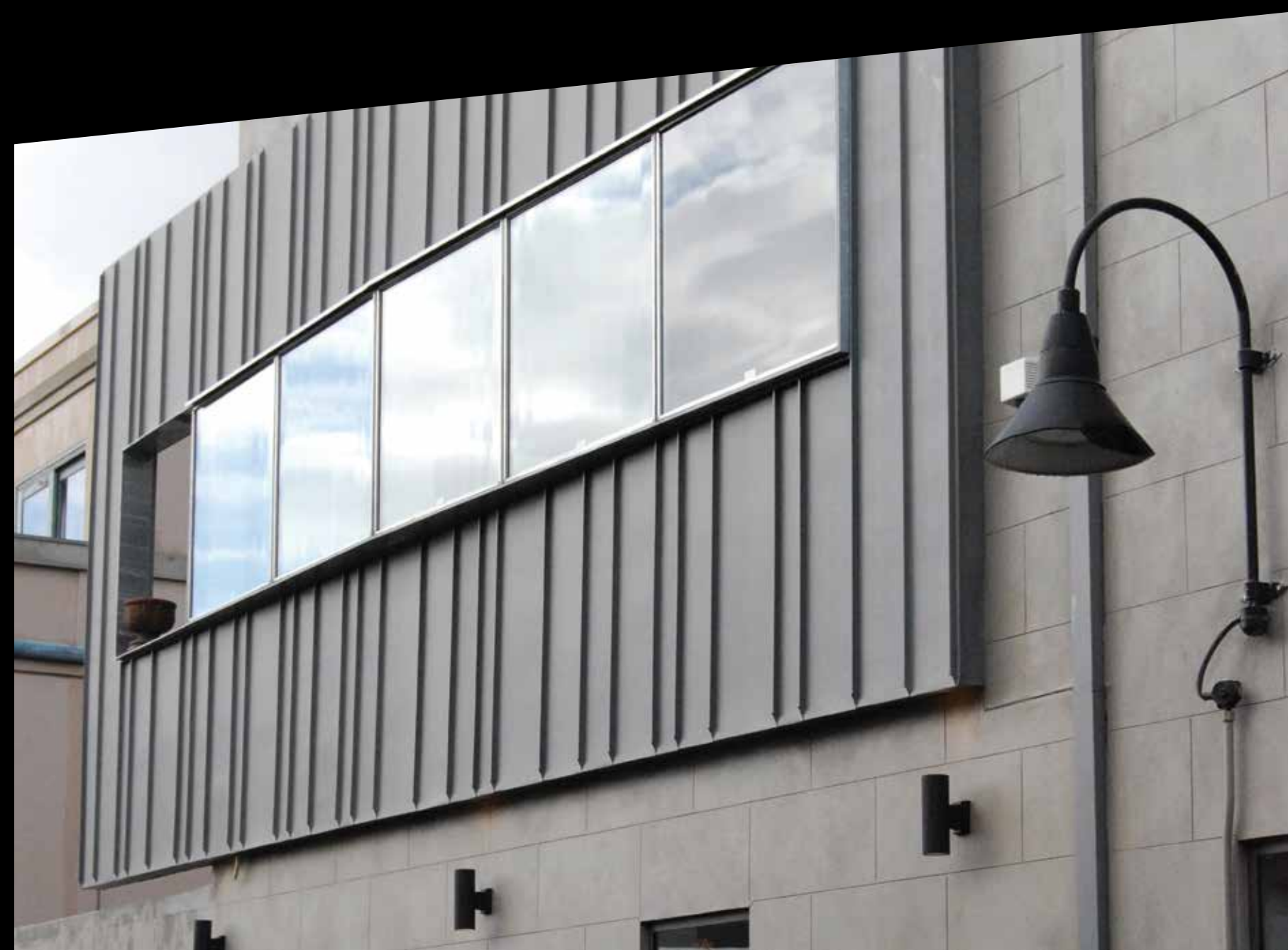
For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP





BAROQUE™

A heritage-inspired profile, LYSAGHT BAROQUE™ features wide, flat pans defined by generous semi-circular ribs. At once delivering a strong linear visual which is gentled by the unusual, rounded rib-form, this profile offers a most unique visual character which sits easily with both traditional and contemporary architecture.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



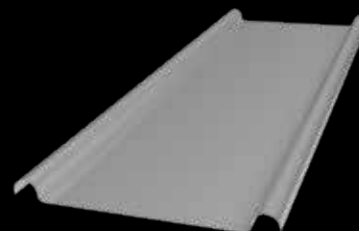
For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP





ENSEAM™

Broad flat pans and a lower, yet substantial rib combine to form yet another distinct visual dynamic in LYSAGHT ENSEAM™ cladding. While possessing clean and striking good looks, this profile also has an easy style that makes it a very versatile cladding solution for contemporary architectural designs.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



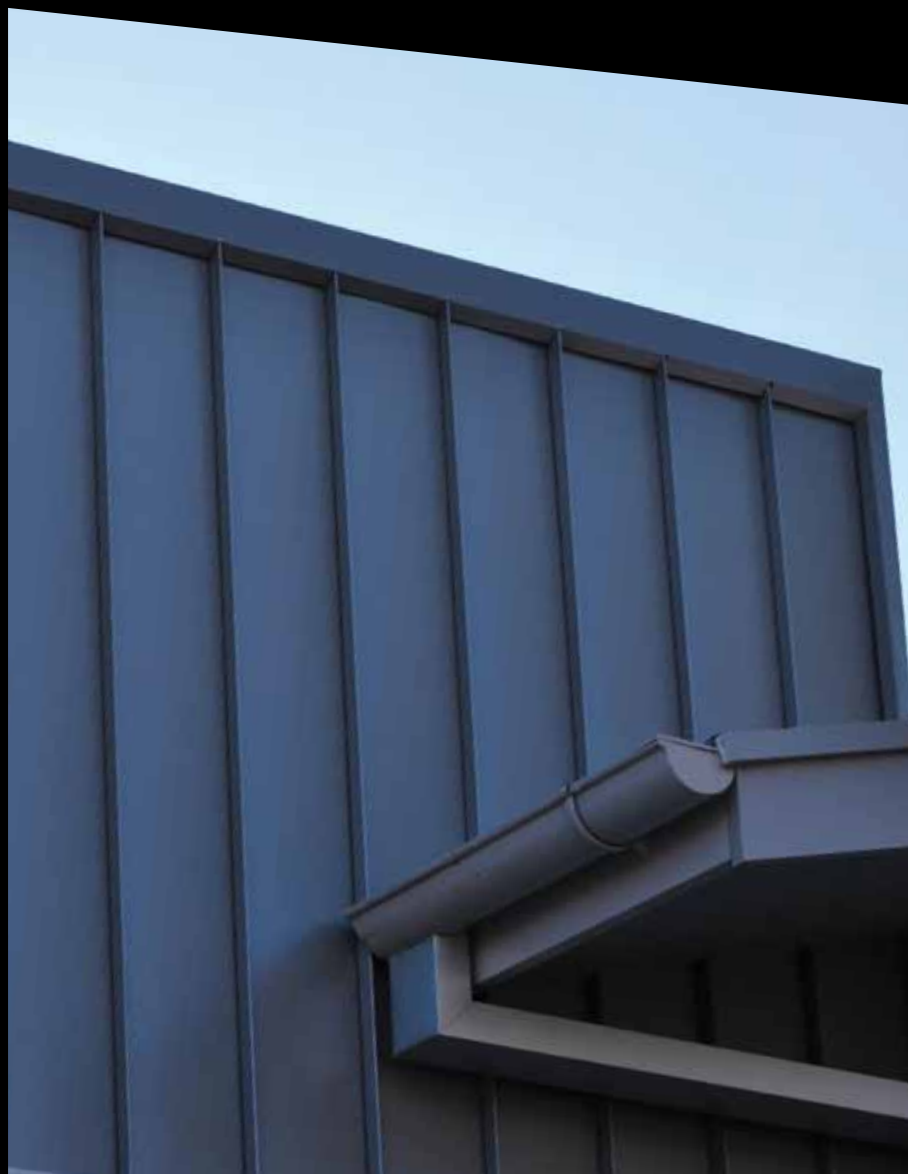
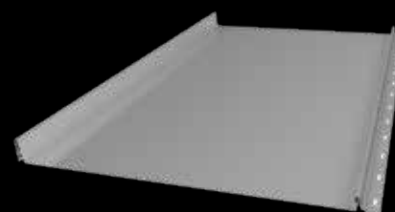
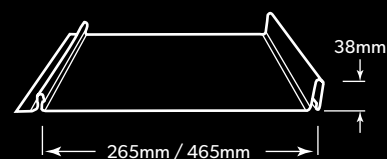
For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP



PERMALITE®

LONG-TERM PERFORMANCE

PERMALITE® aluminium cladding profiles, purlins, gutters, fascias and flashings are produced using high performance, marine grade aluminium, an alloy specifically developed to resist corrosion in marine and industrial environments.

Select from four stylish profiles:

PERMALITE V-RIB®:

This profile provides a wide 915mm cover and a pleasing symmetry which makes it aesthetically appealing for both roof and wall cladding.

PERMALITE LT7®:

With its strength, water carrying capacity, fixing economy and eave closing features, this is versatile cladding at its best. Available in 0.7mm, 0.9mm and 1.2mm thicknesses, it can also be reversed to create a bold wall cladding feature.

PERMALITE ALSPAN®:

Available in 0.7mm, 0.9mm and 1.2mm thicknesses and featuring visually distinctive ribs and wide pans, this profile was designed specifically to provide a wide spanning capability, higher watercarrying capacity and accommodate construction and maintenance foot traffic.

PERMALITE WAVELINE®:

Quick to install and producing minimum wastage, this classic Australian corrugated profile also offers proven style and versatility as both roof and wall cladding in contemporary and traditional building designs.

PERMALITE
V-RIB®

PERMALITE
LT7®

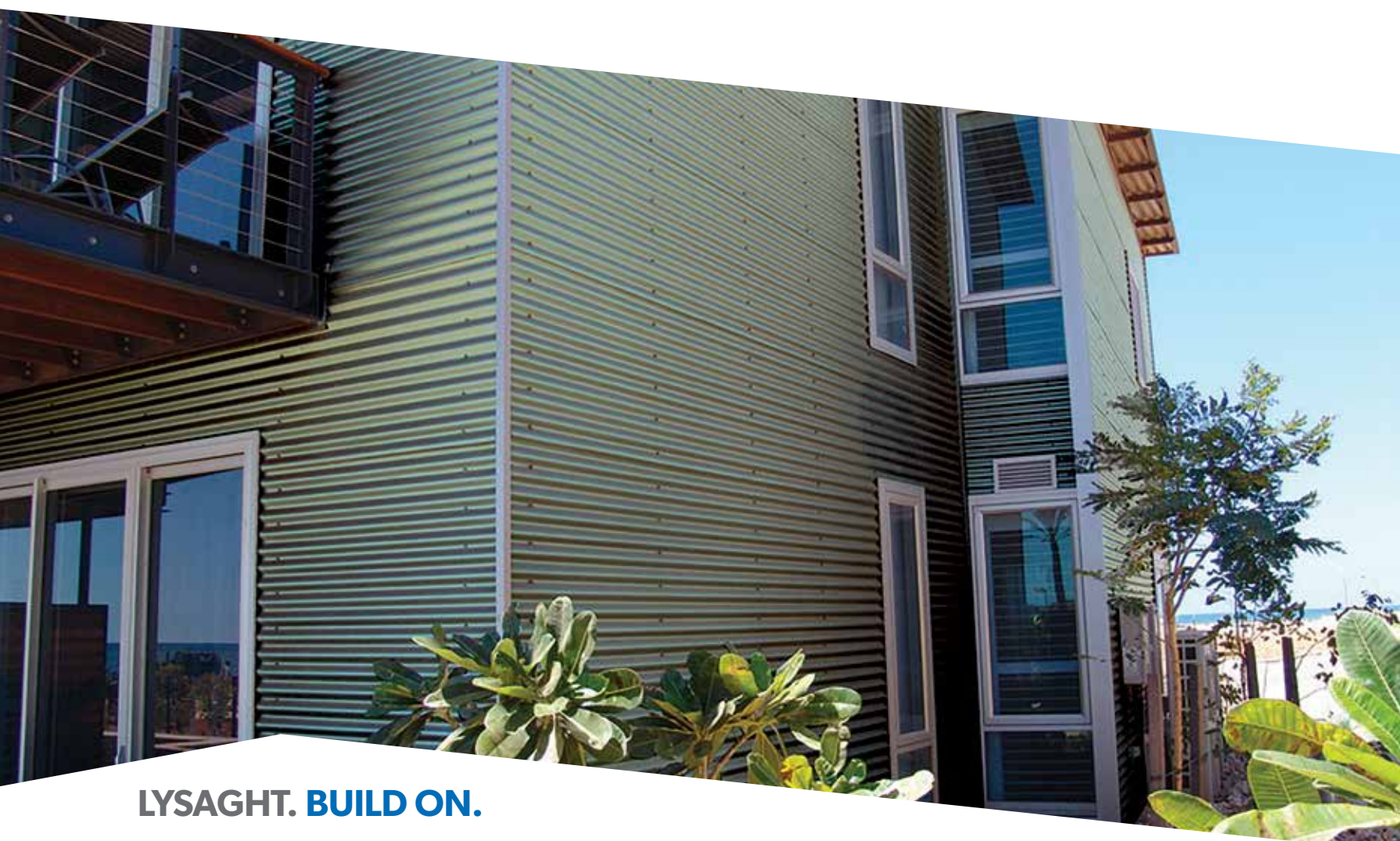
PERMALITE
ALSPAN®

PERMALITE
WAVELINE®

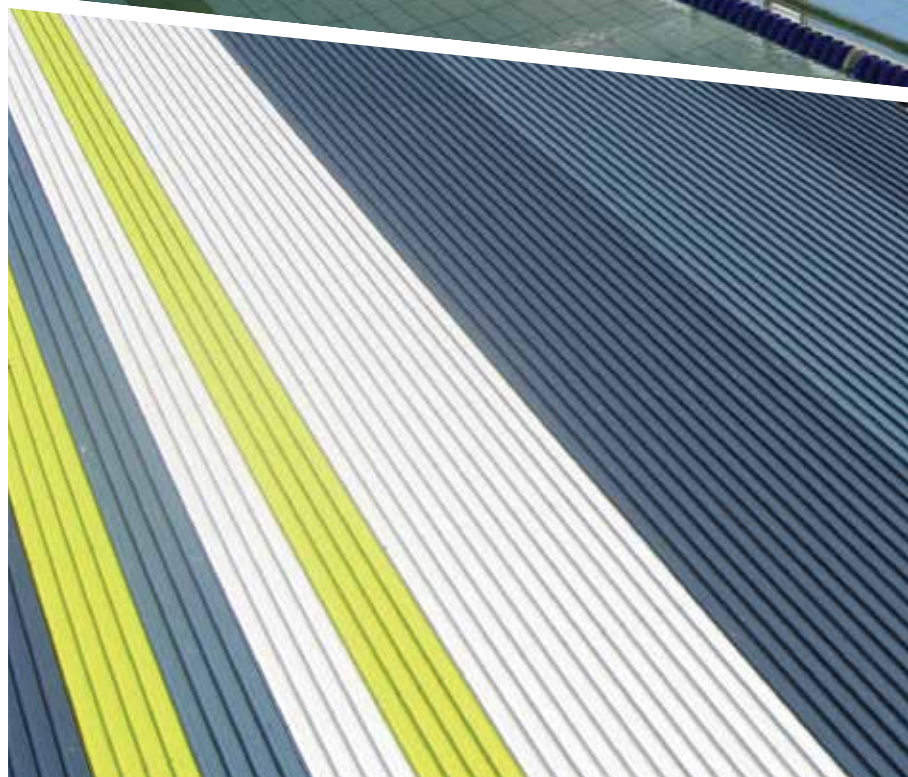


For technical specifications,
manuals and product case studies

WWW.PERMALITE.COM.AU
OR CONTACT YOUR LOCAL
LYSAGHT REPRESENTATIVE



LYSAGHT. BUILD ON.



YOURCOLOR™ CUSTOM COLOURS

Considering the design flexibility afforded by LYSAGHT® steel cladding, we thought it only fitting to offer a colour palette that also won't limit your design vision. With the LYSAGHT YOURCOLOR™ custom colour offer you can bring your design inspiration to life with an almost limitless colour range. Select from 42 pre-matched custom colours or bring a sample of your desired colour and our YOURCOLOR™ colour matching service will produce almost any colour, including metallic finishes.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



Let us inspire you with Augmented
Reality Experience - download the
LYSAGHT REALVIEW™ APP



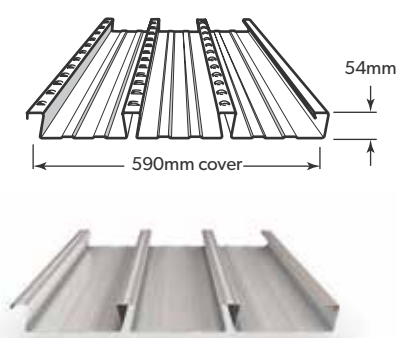


LYSAGHT. BUILD ON.

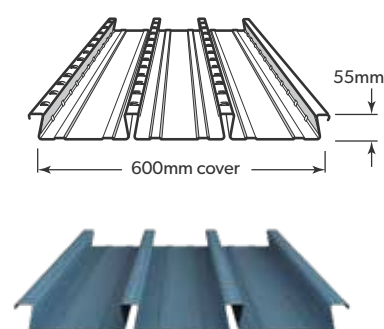
STRUCTURAL PRODUCTS

Good looks, as they say, aren't everything. It's also what's inside that counts. Particularly when what's required inside are strong steel components that underpin extraordinary architecture. Manufactured from quality GALVSPAN®, ZINCALUME®, TRUECORE® and DECKFORM® steel, the LYSAGHT® range of structural products offer performance strengths that not only support your design vision, but may also enable you to expand it.

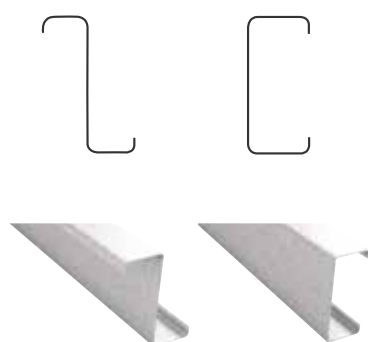
BONDEK®



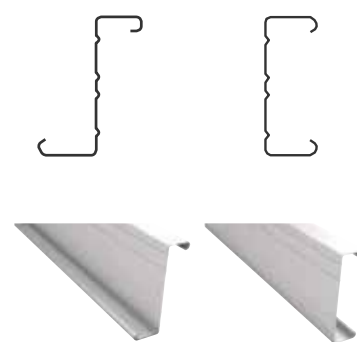
BONDEK PLUS®



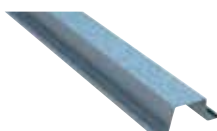
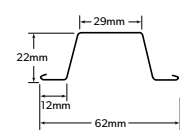
ZED & CEE PURLINS



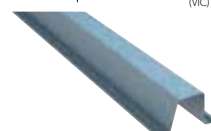
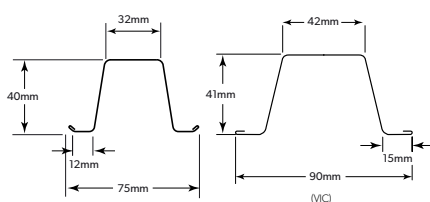
SUPAPURLIN®



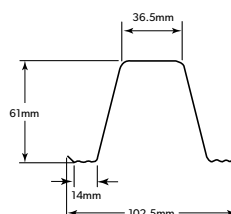
TOPSPAN® 22



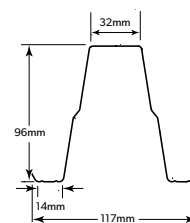
TOPSPAN® 40



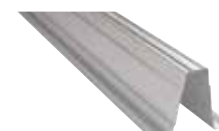
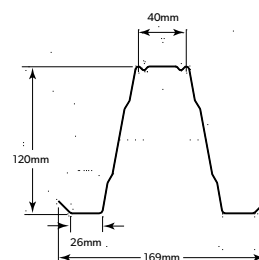
TOPSPAN® 61



TOPSPAN® 96



TOPSPAN® 120



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



FENCING SOLUTIONS

Like an elegant frame surrounding a work of art, a boundary fence can be a final, defining visual element in your architectural design. Which is why, when it comes to creating boundaries, the LYSAGHT® range offers steel fencing solutions with boundless design options that will stylishly frame any structure. Made from genuine COLORBOND® steel in a range of attractive profiles and designer colours, with a range of accessories and the option of standard or wide panel fence runs, fully engineered LYSAGHT® steel fencing is designed to stand the test of time in style.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM



For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE



THE FINISHING TOUCHES

Fascia, gutters, downpipes and flashings are not only crucial to a structure's weather resistance, but also in delivering the final touches to your architectural design. With the LYSAGHT® range of rainwater goods, you have the best of both worlds in products that are not only designed for exceptional performance, but also to deliver exceptional aesthetics. Made from quality COLORBOND® steel and available in a wide array of colours and styles, LYSAGHT® rainwater goods shine whatever the weather.



For technical specifications,
manuals and product case studies
WWW.LYSAGHT.COM

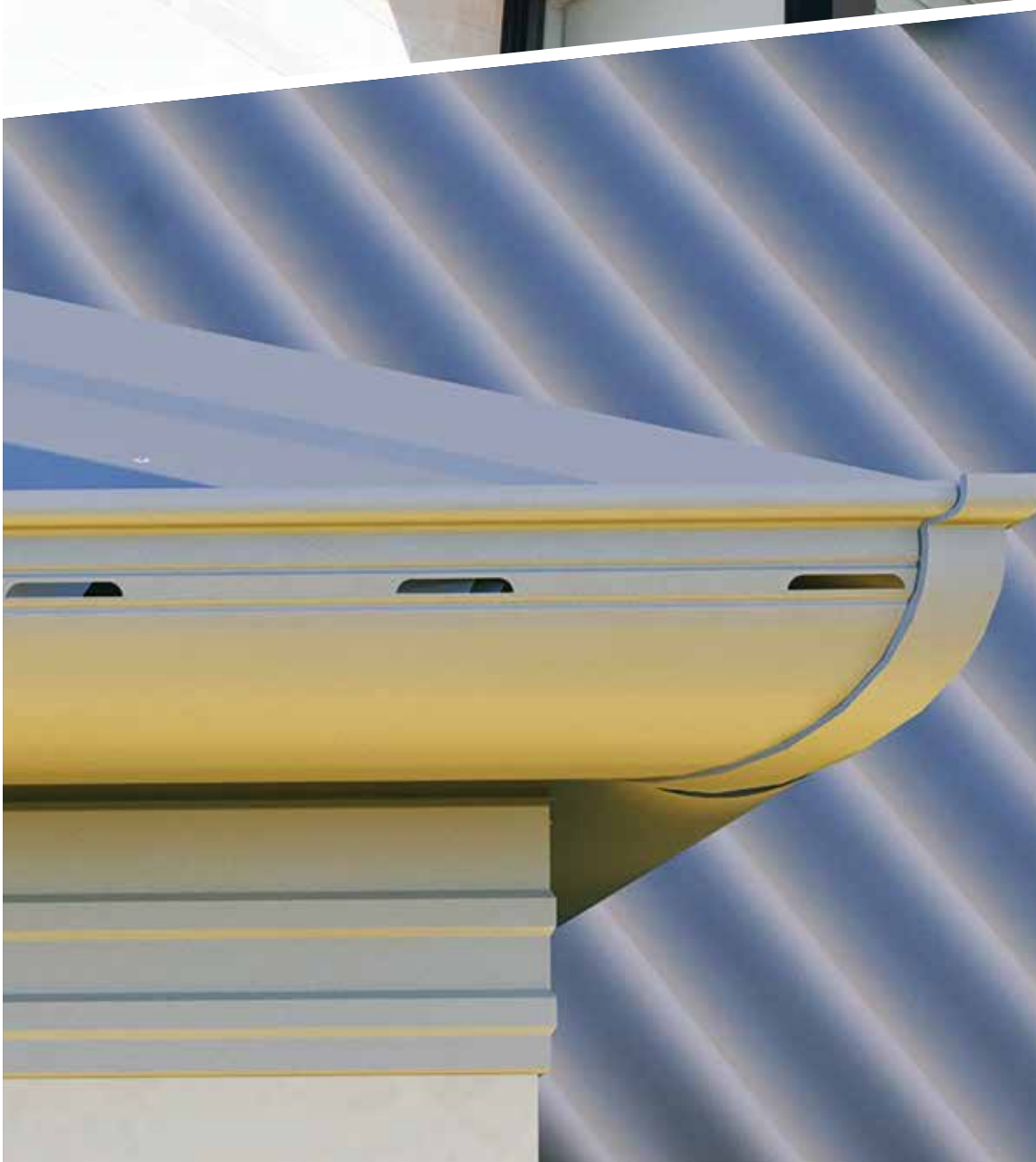


For summary product & material
specifications see pages 53 - 57
QUICK REFERENCE GUIDE



For product availability
summary see page 58
AVAILABILITY GUIDE





LONG LENGTH ROOFING

MOBILE ROLLFORMING

Utilising long length steel roofing systems is no longer limited by transportation, product handling or site access restrictions.

With this innovative, relocatable production capability, extremely long lengths of profiled steel roofing, potentially up to 800m, can be manufactured on-site and even delivered directly onto the roofing structure in one continuous operation.

Utilising our mobile, enclosed trailer-mounted, custom engineered rollforming machine, Lysaght can manufacture the exact project requirements on-site, synchronised perfectly with the construction timeline to ensure efficient and cost effective roof construction. It also reduces product wastage and guarantees a more precise coverage.

Long sheet lengths can be rolled out and either stacked to be craned onto the roof structure or, for those structures up to 12m eaves height, projected directly up onto the support structure in one continuous operation.



LOK-KLIP® & TRIM-KLIP®

The innovative end/expansion joint solution for KLIP-LOK 700 HI-STRENGTH®, KLIP-LOK CLASSIC® 700 or LYSAGHT TRIMDEK® steel roofing.

The LYSAGHT LOK-KLIP® / TRIM-KLIP® end/expansion joint solution is the next step in the evolution of one of Australia's most popular and proven industrial and commercial roof systems.

Fully compatible with both steel and translucent roof sheets for the translucent roof sheets the LOK-KLIP® / TRIM-KLIP® system comprises of a fully engineered ZINCALUME® steel bracket and a custom shaped polyethylene foam strip that work together to form a durable, weather resistant overlap joint.



POP UP PENETRATION

The patented Pop Up Penetration™ system has been created to provide a more efficient design for the flashing of penetrations on long run roofing projects. The system is aesthetically pleasing and complements any roof or building design.

Available in a range of finishes and colours to complement any roof, the Pop Up Penetration™ system also easily accommodates multiple roof penetrations by ensuring each penetration re-diverts its own water correctly and does not affect roof run performance.

DIFFERENCES AND ADVANTAGES

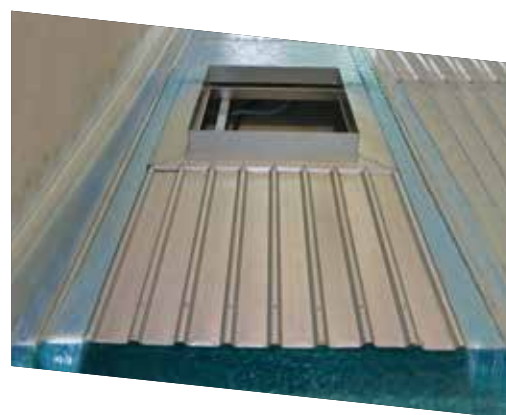
- Manufactured using genuine COLORBOND® steel and ZINCALUME® steel.
- Clean, elegant design in a range of finishes and colours to suit any roof and architecture.
- The engineered solution that correctly redirects water flow to all pans of the roof sheet to avoid flooding of the laps.
- Can be ordered in kit form, off a plan, months in advance.
- No site measure is required, saving time on site.
- Design has been engineered, independently certified and is endorsed by Lysaght for use with its products.
- The system is covered by the BlueScope Roofing Warranty*.
- Complete peace of mind that your project will be watertight.

*Subject to application and eligibility criteria being met.

Note: To be used in conjunction with Lysaght Design & Installation Guides.



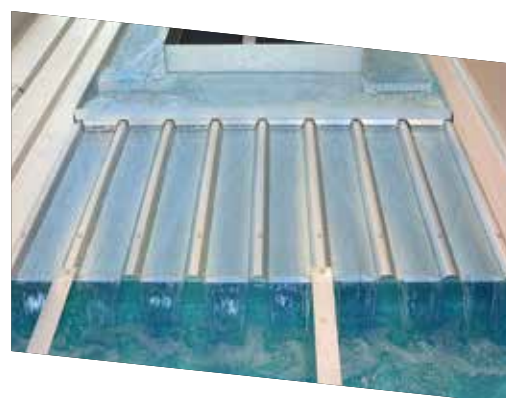
COMPARISON WATER TEST



WITHOUT POP UP PENETRATION



All water directed to adjacent pans, well and truly exceeding roof sheet pan capacity.



WITH POP UP PENETRATION



Water equally re-distributed in front of roof penetration.

POP UP PENETRATION™ - THE ENGINEERED SOLUTION



LYSAGHT DESIGN ASSISTANCE CAPABILITY

Over the last 150 years, Lysaght has earned an enviable reputation as an industry leader committed to working with architects, designers, builders and building owners to deliver innovative and ground-breaking steel building products, advanced building systems and creative design solutions.

These innovations begin as ideas – it's then up to Lysaght's engineers, designers, materials specialists and software engineers to bring them to life.

With a passion for delivering steel building product innovation, these experts are engaged in an ongoing program of product development, enhancement, improvement and certification that is keeping Lysaght at the forefront of emerging design and construction trends.











With its in-house fabrication capability and NATA accredited testing facility containing over a dozen specially designed testing and validation rigs, Lysaght is able to work with customers and suppliers to develop work class steel building product solutions.

Using the resources of this unique in-house facility, we undertake a range of critical bespoke product development and improvement tasks including prototyping and design, new product development, building system design, engineering and validation, product performance testing, and more.



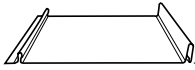
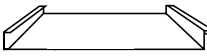
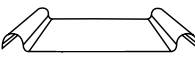
SPECIFICATIONS

ROOFING & WALLING

	BMT	Mass ⁽¹⁾	Cover Width	Rib Depth	Roof Pitch Minimum ⁽²⁾	Maximum recommended spacing of supports ⁽⁶⁾									
						ROOFS			Eaves Overhang ⁽³⁾		WALLS				
						Single	End	Internal	Unstiffened	Stiffened	Single	End	Internal	Overhang	
	mm	kg/m ²	mm	mm	Degrees	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CUSTOM ORB® 	0.42	4.23	762	16	5 (1 in 12)	700	900	1200	200	300	1800	2500	2700	200	
	0.48	4.81	762	16	5 (1 in 12)	800	1300	1700	250	350	1800	2700	2700	250	
CUSTOM BLUE ORB® 	0.60	6.1	762	17	5 (1 in 12)	1600	1600	1800	200	300	2400	3000	3300	200	
	0.80	8.0	762	17	5 (1 in 12)	1800	1800	2600	400	600	2400	3200	3600	400	
CUSTOM ORB ACCENT 21® 	0.40	4.4*	762	21	3 (1 in 20)	750	950	1350	150	400	1800	2400	2400	150	
	0.48	5.2*	762	21	3 (1 in 20)	950	1500	1900	200	450	1800	2700	2700	200	
CUSTOM ORB ACCENT 35® 	0.48	5.5*	724	35	2 (1 in 30)	1300	1600	2400	200	600	2100	2700	2700	200	
KLIP-LOK® 406 	0.48	5.56	406	41	1 (1 in 50)	1500	1800	2100	200	600	-	-	-	-	
KLIP-LOK 700 HI-STRENGTH® 	0.42	4.61	700	43	2 (1 in 30) ⁽⁵⁾	1650	1750	2200	150	450	2600	3200	3850	150	
	0.48	5.24	700	43	1 (1 in 50)	2050	2350	2800	200	500	3000	3450	3900	200	
	0.60	6.51	700	43	1 (1 in 50)	2350	3000	3600	250	550	3300	3600	3900	250	
KLIP-LOK CLASSIC® 700 	0.42	4.61	700	41	2 (1 in 30) ⁽⁵⁾	-	1800	2200	200	500	-	2150	3250	300	
	0.48	5.24	700	41	1 (1 in 50)	1800	2000	2500	150	450	-	2700	2700	450	
LONGLINE 305® (Not Tapered) 	0.70	9.64	305	48	1 (1 in 50)	1800	2000	2500	150	450	-	2700	2700	450	
SPANDEK® 	0.42	4.61	700	24	3 (1 in 20) ⁽⁴⁾	1300	1800	2400	300	600	2500	3000	3300	300	
	0.48	5.24	700	24	3 (1 in 20) ⁽⁴⁾	2000	2200	3000	400	700	3000	3000	3300	400	
TRIMDEK® 	0.42	4.23	762	29	2 (1 in 30)	1100	1300	1900	150	300	2400	3000	3000	150	
	0.48	4.81	762	29	2 (1 in 30)	1600	1850	2600	200	350	2700	3000	3000	200	

SPECIFICATIONS

ROOFING & WALLING

	BMT	Mass ⁽¹⁾	Cover Width	Rib Depth	Roof Pitch Minimum ⁽²⁾	Maximum recommended spacing of supports ⁽⁶⁾									
						ROOFS			Eaves Overhang ⁽³⁾		WALLS				
						Single	End	Internal	Unstiffened	Stiffened	Single	End	Internal	Overhang	
	mm	kg/m ²	mm	mm	Degrees	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
 ENSEAM™	0.55	6.91	265	38	3	600	600	600	50	-	900	900	1200	100	
	0.75	9.09	265	38	3	700	700	700	50	-	1000	1000	1300	100	
	0.55	5.92	465	38	3	Must be fixed on ply with screw fixing at 450mm c/c			50	-	450	450	450	100	
	0.75	6.88	465	38	3	Must be fixed on ply with screw fixing at 450mm c/c			50	-	550	550	550	100	
 IMPERIAL®	0.55	5.48	325	27	1 or 3 for end lapped roofs	For all span type: Fixed clip at 350 at roof edge. Sliding clip at 700 at general area			50	-	For all span type: Fixed clip at 350 at wall edge. Sliding clip at 700 at wall area			100	
	0.75	7.42	325	27	1 or 3 for end lapped roofs	For all span type: Fixed clip at 450 at roof edge. Sliding clip at 800 at general area			50	-	For all span type: Fixed clip at 450 at wall edge. Sliding clip at 800 at wall area			100	
	0.55	5.09	525	27	1 or 3 for end lapped roofs	Not suitable for roofing applications					For all span type: Fixed clip at 350 at wall edge. Sliding clip at 700 at wall area			100	
	0.75	6.89	525	27	1 or 3 for end lapped roofs	Not suitable for roofing applications					For all span type: Fixed clip at 450 at wall edge. Sliding clip at 800 at wall area			100	
 BAROQUE™	0.55	6.65	275	25	5	LYSAGHT BAROQUE™ cladding must be fixed to Ply at max 600mm c/c only for wind region A and terrain category 3 for higher wind regions, check with your lysaght representative ⁽⁷⁾									
	0.75	8.76	275	25	5										
	0.55	5.79	475	25	5										
	0.75	7.61	475	25	5										

⁽¹⁾ Masses are for unpainted ZINCALUME® steel, unless otherwise marked (*). * which are indicative masses only.

⁽²⁾ See Section 2.5, LYSAGHT® Roofing & Walling Installation Manual.

⁽³⁾ See Section 10.6, LYSAGHT® Roofing & Walling Installation Manual for explanation of 'stiffened'.

⁽⁴⁾ Slope of 2° (1 in 30) is below the minimum recommended however is available subject to enquiry. Please refer to Section 2.5, LYSAGHT® Roofing & Walling Installation Manual.

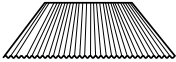

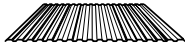

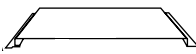
⁽⁵⁾ Slope of 1° (1 in 50) is below the minimum recommended however is available subject to enquiry. Please refer to Section 2.5, LYSAGHT® Roofing & Walling Installation Manual.

⁽⁶⁾ See Section 2.3, LYSAGHT® Roofing & Walling Installation Manual.

⁽⁷⁾ See Section 2.5, LYSAGHT ZENITH™ Roofing & Walling Design and Installation Manual.

SPECIFICATIONS

WALLING

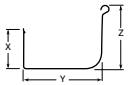

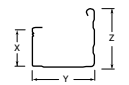
	BMT	Mass ⁽¹⁾	Cover Width	Rib Depth	Maximum recommended spacing of supports ⁽²⁾			
					Single	End	Internal	Overhang
	mm	kg/m ²	mm	mm	mm	mm	mm	mm
MINI ORB® 	0.42	3.93	820	6	1200	1500	1500	100
MULTICLAD® 	0.35	3.23	840	12	1400	1800	1800	150
	0.42	3.84	840	12	1700	1800	1800	150
PANELRIB® 	0.35	3.19	850	4	1100	1200	1200	150
	0.42	3.80	850	4	1200	1200	1200	150
WALLCLAD® 	0.35	3.56	762	16	1800	2400	2400	150
DOMINION™ 	0.55	5.88	285	25	1200	1200	1500	100
	0.75	7.43	285	25	1300	1200	1500	100
	0.55	5.31	485	25	900	900	1200	100
	0.75	6.71	485	25	1000	1000	1300	100

⁽¹⁾ Masses are for unpainted ZINCALUME® steel.

⁽²⁾ See Section 2.3, LYSAGHT® Roofing & Walling Installation Manual.

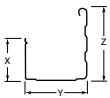
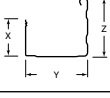
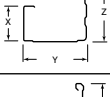
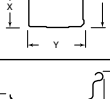
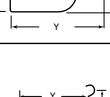
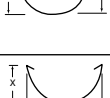
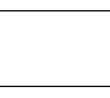
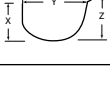
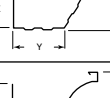
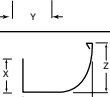
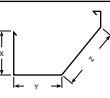
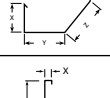
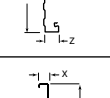
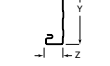

SPECIFICATIONS

RAINWATER

Product	Typical Profile	X	Y	Z	Available in
		mm	mm	mm	
QUAD 115 Hi-Front		62	115	90	QLD, NSW, ACT, VIC, TAS, SA
QUAD 115 Lo-Front		65	115	70	NSW, ACT
QUAD 150 Hi-Front		62	150	90	QLD
QUAD 150 Lo-Front		78	150	74	QLD
QUAD 175		100	163	99	QLD
QUAD Square Bead		65	115	100	WA
SHEERLINE® with return		81	124	141	NSW, ACT, VIC, TAS
		83	127	140	WA

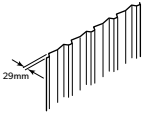
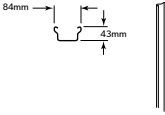
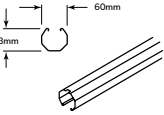
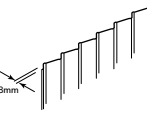
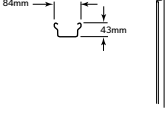
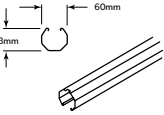
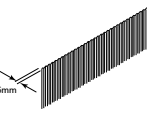
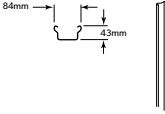
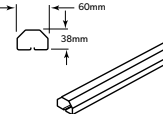
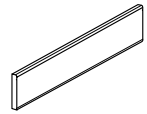
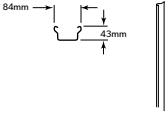
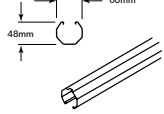
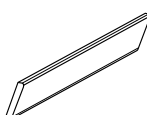
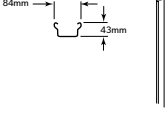
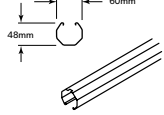

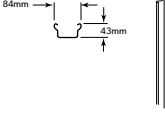
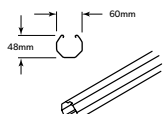
SPECIFICATIONS

RAINWATER

Product	Typical Profile	X	Y	Z	Available in
		mm	mm	mm	
SHEERLINE® without return		73	124	141	SA
TRIMLINE®		72	124	116	QLD, VIC, Northern NSW
FITFAST®		69	124	140	QLD
EMLINE®		89	125	140	QLD
OGEE®		64	145	98	SA
		63	125	90	VIC
HALF ROUND		73	150	97	NSW, ACT
		N/A	150	N/A	VIC
		83	150	98	SA
		79	154	105	QLD
		75	150	75	WA
HALF ROUND 190		90	190	100	QLD
FLATBACK		74	136	97	NSW, ACT
		82	140	104	QLD
		83	150	98	SA
FLATBACK 190		95	180	110	QLD
RANCELINE® WA		N/A	125	104	WA
COLONIAL® WA		N/A	130	94	WA
QUARTER ROUND		65	125	100	WA
SHORELINE®		93	105	134	SA
SHORELINE® MINI		61	88	88	SA
NOVALINE® FASCIA		18	185	35	QLD, NSW, ACT, VIC, SA
REBATE NOVALINE® FASCIA		19	178	44	WA

SPECIFICATIONS

FENCING

Product	Infill	Post	Rail	Panel Heights	Panel Widths
NEETASCREEN®				1500mm, 1800mm, 2100mm	1582mm, 2350mm, 3100mm
SMARTASCREEN®				1500mm, 1800mm, 2100mm	1582mm, 2350mm, 3100mm
MINISCREEN®				1500mm, 1800mm, 2100mm	1582mm, 2350mm
SLATSCREEN®				1500mm, 1800mm	2350mm
LOUVRESCREEN™				1500mm, 1800mm	1800mm
CUSTOMSCREEN®				1500mm, 1800mm, 2100mm	1582mm, 2350mm

MATERIAL

	Description	Standard	Coating Mass
ZINCALUME® steel	Aluminium/zinc/magnesium alloy coated steel	AS 1397:2011	125g/m ²
COLORBOND® steel	Pre-painted steel for exterior roofing and walling	Painting complies with AS/NZS 2728:2013 Base complies with AS 1397:2011	100g/m ²
COLORBOND® Metallic steel	Pre-painted steel for superior aesthetic performance displaying a metallic sheen		100g/m ²
COLORBOND® steel Matt	Pre-painted steel for exterior roofing and walling displaying a matt finish		100g/m ²
COLORBOND® Ultra steel	Pre-painted steel for severe coastal or industrial environments		150g/m ²
COLORBOND® Stainless steel	Pre-painted steel for severe coastal or industrial environments	Painting complies with AS/NZS 2728:2013 Base complies with AISI/ASTM Type 430	



PRODUCT AVAILABILITY

ROOFING & WALLING, STRUCTURAL, RAINWATER, FENCING

ROOFING & WALLING	QLD	NSW/ACT	VIC	SA	WA	TAS	NT
CUSTOM ORB®	Available	Available	Available	Available	Available	Available	Available
CUSTOM BLUE ORB®	Available	Available	Available	Available	Available	Available	Available
TRIMDEK®	Available	Available	Available	Available	Available	Available	Available
SPANDEK®	Available	Available	Available	Available	Available	Available	Available
CUSTOM ORB ACCENT® 21	Available	Available	Available	Available	Available	Available	Available
CUSTOM ORB ACCENT® 35	Available	Available	Available	Available	Available	Available	Available
KLIP-LOK 700 HI-STRENGTH®	Available	Available	Available	Available	Available	Available	Available
KLIP-LOK CLASSIC® 700	Available	Available	Available	Available	Available	Available	Available
KLIP-LOK® 406	Available	Available	Available	Available	Available	Available	Available
KLIP-LOK 700® TASMAN	Available	Available	Available	Available	Available	Available	Available
PANELRIB®	Available	Available	Available	Available	Available	Available	Available
MULTICLAD®	Available	Available	Available	Available	Available	Available	Available
MINI ORB®	Available	Available	Available	Available	Available	Available	Available
MINI ORB® WA	Available	Available	Available	Available	Available	Available	Available
WALLCLAD®	Available	Available	Available	Available	Available	Available	Available
TRIMWALL	Available	Available	Available	Available	Available	Available	Available
LONGLINE 305®	Available	Available	Available	Available	Available	Available	Available
LONGLINE 305® WA	Available	Available	Available	Available	Available	Available	Available
DOMINION™	Available	Available	Available	Available	Available	Available	Available
IMPERIAL®	Available	Available	Available	Available	Available	Available	Available
BAROQUE™	Available	Available	Available	Available	Available	Available	Available
ENSEAM™	Available	Available	Available	Available	Available	Available	Available
STRUCTURAL							
BONDEK®	Available	Available	Available	Available	Available	Available	Available
BONDEK PLUS™	Available	Available	Available	Available	Available	Available	Available
BONDEK PLUS™ 2P	Available	Available	Available	Available	Available	Available	Available
ZED & CEE PURLINS	Available	Available	Available	Available	Available	Available	Available
SUPAPURLIN®	Available	Available	Available	Available	Available	Available	Available
TOPSPAN® 22	Available	Available	Available	Available	Available	Available	Available
TOPSPAN® 25	Available	Available	Available	Available	Available	Available	Available
TOPSPAN® 40	Available	Available	Available	Available	Available	Available	Available
TOPSPAN® 50	Available	Available	Available	Available	Available	Available	Available
TOPSPAN® 61	Available	Available	Available	Available	Available	Available	Available
TOPSPAN® 96	Available	Available	Available	Available	Available	Available	Available
TOPSPAN® 120	Available	Available	Available	Available	Available	Available	Available
RAINWATER PRODUCTS							
QUAD	Available	Available	Available	Available	Available	Available	Available
SHEERLINE®	Available	Available	Available	Available	Available	Available	Available
TRIMLINE®	Available	Available	Available	Available	Available	Available	Available
FITFAST®	Available	Available	Available	Available	Available	Available	Available
EMLINE®	Available	Available	Available	Available	Available	Available	Available
OGEE®	Available	Available	Available	Available	Available	Available	Available
HALF ROUND	Available	Available	Available	Available	Available	Available	Available
FLATBACK	Available	Available	Available	Available	Available	Available	Available
RANCELIN® WA	Available	Available	Available	Available	Available	Available	Available
COLONIAL® WA	Available	Available	Available	Available	Available	Available	Available
QUARTER ROUND	Available	Available	Available	Available	Available	Available	Available
SHORELINE®	Available	Available	Available	Available	Available	Available	Available
SHORELINE® MINI	Available	Available	Available	Available	Available	Available	Available
NOVALINE® FASCIA	Available	Available	Available	Available	Available	Available	Available
REBATE NOVALINE® FASCIA	Available	Available	Available	Available	Available	Available	Available
FENCING							
NEETASCREEN®	Available	Available	Available	Available	Available	Available	Available
SMARTASCREEN®	Available	Available	Available	Available	Available	Available	Available
MINISCREEN®	Available	Available	Available	Available	Available	Available	Available
SLATSCREEN®	Available	Available	Available	Available	Available	Available	Available
LOUVRESCREEN™	Available	Available	Available	Available	Available	Available	Available
CUSTOMSCREEN®	Available	Available	Available	Available	Available	Available	Available

PRODUCT DESCRIPTIONS

- All descriptions, specifications, illustrations, drawings, data, dimensions and weights contained in this catalogue, all technical literature and websites containing information from Lysaght are approximations only. They are intended by Lysaght to be a general description for information and identification purposes and do not create a sale by description. Lysaght reserves the right at any time to:

(a) supply Goods with such minor modifications from its drawings and specifications as it sees fit; and

(b) alter specifications shown in its promotional literature to reflect changes made after the date of such publication.

DISCLAIMER, WARRANTIES AND LIMITATION OF LIABILITY

- This publication is intended to be an aid for all trades and professionals involved with specifying and installing Lysaght products and not to be a substitute for professional judgement.
- Terms and conditions of sale available at local Lysaght sales offices.
- Except to the extent to which liability may not lawfully be excluded or limited, BlueScope Steel Limited will not be under or incur any liability to you for any direct or indirect loss or damage (including, without limitation, consequential loss or damage such as loss of profit or anticipated profit, loss of use, damage to goodwill and loss due to delay) however caused (including, without limitation, breach of contract, negligence and/or breach of statute), which you may suffer or incur in connection with this publication.

Get access to more detailed technical information, cad drawings, installation and product guides along with more case studies and design inspiration at **www.lysaght.com**

FOR YOUR NEAREST SUPPLIER VISIT:

WWW.LYSAGHT.COM

FOR SALES ENQUIRIES CALL 13 30 38

FOR TECHNICAL ENQUIRIES CALL 1800 641 417

© BlueScope Steel Limited 4 April 2019.

® product and colour names are registered trade marks of BlueScope Steel Limited. ™ product and colour names are trade marks of BlueScope Steel Limited ABN 16 000 011 058. The LYSAGHT® range of products is exclusively made by BlueScope Steel Limited trading as Lysaght.

