

YOUR GUIDE TO

STEEL ROOFING

EVERYTHING YOU NEED TO KNOW

LYSAGHT



BUILD ON.

WITH THE TRUSTED NAME IN STEEL BUILDING PRODUCTS.

Colorbond®



LYSAGHT - THE TRUSTED EXPERIENCE IN STEEL ROOFING

LYSAGHT HAS BEEN SUPPLYING STEEL BUILDING PRODUCTS FOR RESIDENTIAL AND COMMERCIAL PROJECTS ACROSS AUSTRALIA FOR OVER 150 YEARS AND IS WELL KNOWN FOR THE QUALITY OF THE PRODUCTS THEY MAKE.

Through this long history in the industry, and as part of Australia's largest steelmaker, Lysaght is also known for the extensive technical expertise offered by their experienced staff through a supply network of over 20 locations Australia-wide.

All LYSAGHT® steel building products are manufactured using 100% Australian made steel such as COLORBOND® steel and ZINCALUME® steel from BlueScope.

LYSAGHT® steel building products are extensively performance-tested at Lysaght's advanced NATA* accredited testing facility, and they come with a material warranty from BlueScope.

For the complete peace of mind of homeowners, Lysaght's range of roofing and walling profiles are all tested - to comply with Australian building codes.

*National Association of Testing Authorities, Australia.

THE PARTNERSHIP BETWEEN LYSAGHT AND COLORBOND® STEEL

COLORBOND® steel is the pre-painted steel that is supplied to Lysaght in large coils. Lysaght then shapes the COLORBOND® steel (through the process known as rollforming) into their range of roofing profiles, gutters, fascias and downpipes, plus products for fencing systems and home additions such as verandahs, patios and carports.

LYSAGHT | **Colorbond®**



No matter how grand or how humble it may be, our home truly is, as they say, our castle. And the roof, without any doubt, is its crowning glory.

Which is why we not only want a strong and secure roof that keeps us safe from the elements, but one that also perfectly complements and completes the house we've chosen to make our home.

To help you make the best roofing choice for your home, this comprehensive guide outlines the many benefits that steel roofing offers.

From the strength, versatility and durability of steel, to the wide array of stylish profiles and designer colours available, you'll find everything you need to know.

So you'll know that when it comes to your home, you can make the right roofing choice.



WHY LYSAGHT® STEEL ROOFING IS THE
SMART CHOICE

WHETHER YOU'RE BUILDING A NEW HOME, RENOVATING YOUR FAMILY HOME OR REPLACING YOUR CURRENT ROOF, STEEL ROOFING OFFERS A RANGE OF SMART AND PRACTICAL BENEFITS THAT OTHER ROOFING MATERIALS CAN'T MATCH.



SUPERIOR PERFORMANCE - RAIN, HAIL OR SHINE

BECAUSE STEEL SHEETS FORM A SINGLE ROOF SURFACE FROM RIDGE TO GUTTER, UNLIKE LAYERS OF TILES, THEY ARE EXTREMELY WEATHER RESISTANT.

Where other roofing materials may break in severe hailstorms and allow water to enter the roof, steel roofing will remain intact. LYSAGHT® steel roof sheeting won't hold the heat like cement or concrete tiles, meaning your roof and home cool more quickly in summer.

QUICK & EFFICIENT CONSTRUCTION

BECAUSE STEEL IS A RELATIVELY LIGHTWEIGHT MATERIAL YOUR ROOF MAY REQUIRE LESS STRUCTURAL SUPPORT, MEANING REDUCED CONSTRUCTION TIME AND MATERIAL SAVINGS.

Less weight also means less stress on the building's structure, minimising the risks of your walls cracking and roof sagging. Unlike tiles that require additional equipment and handling, construction is quicker and easier with steel roofing as it can be lifted on site in long lengths - simplifying installation.

GREATER DESIGN FREEDOM

WITH LYSAGHT® STEEL ROOFING YOU HAVE THE CHOICE OF A WIDE RANGE OF ATTRACTIVE PROFILES AND COLOURS TO SUIT ANY HOME.

It can be curved and shaped, and used on roof pitches as low as one degree, giving you greater freedom in roof design. The relatively light weight of steel roofing gives you greater flexibility in locating internal walls and creating open living spaces.

STRONG, DURABLE & SECURE

THE STRENGTH OF LYSAGHT® STEEL ROOFING ALLOWS FOR LONG SPANS THAT ALLOWS YOU TO CREATE MORE OPEN LIVING SPACES IN YOUR HOME.

Because steel is fire-resistant, termite-proof and won't warp, you're ensured long-life, durable performance. Steel roofing sheets are securely fixed to every roof batten, unlike tiles that can be lifted to gain entry to your home.



WHY LYSAGHT ONLY USES

COLORBOND® STEEL

COLORBOND® STEEL HAS BEEN MADE IN AUSTRALIA SINCE 1966 BY BLUESCOPE - AUSTRALIA'S LARGEST STEELMAKER AND A GLOBAL LEADER IN THE MANUFACTURE OF PRE-PAINTED STEEL.

Decades of Australian research and development have gone into creating a range of technologies that give genuine COLORBOND® steel its long lasting performance in Australia's harsh climate.

Renowned for its quality finish and durability, and backed by a material warranty from BlueScope, COLORBOND® steel is one of Australia's most trusted building materials.

GENUINE COLORBOND® STEEL GIVES **TRUE PEACE OF MIND**

THE ADVANCED PAINT TECHNOLOGY OF GENUINE COLORBOND® STEEL PROVIDES A DURABLE, BAKED-ON PAINT FINISH WHICH RESISTS PEELING, CHIPPING AND CRACKING, FOR LONG-LIFE PERFORMANCE AND GOOD LOOKS.

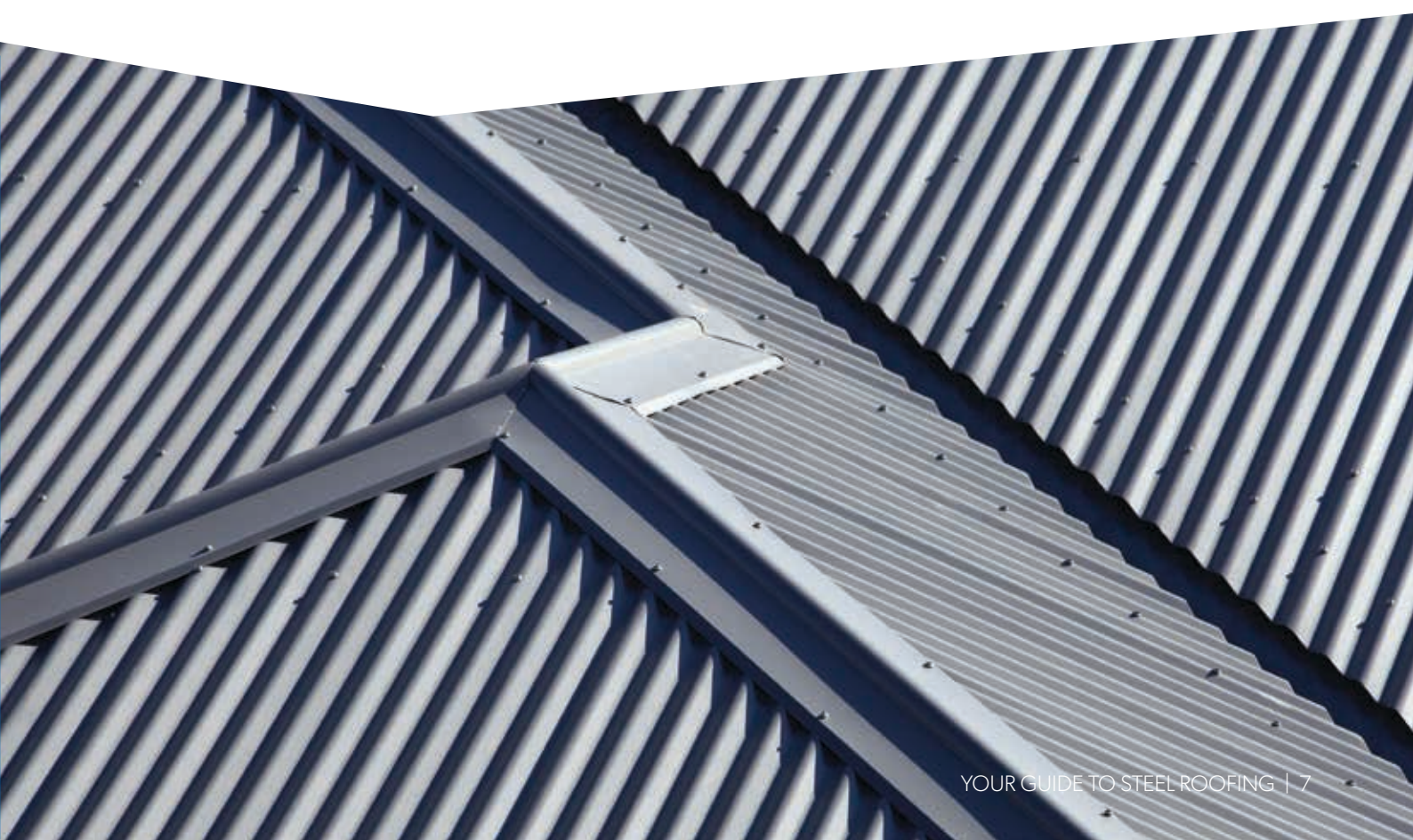
Other pre-painted steel products in the market may claim to be as good, but they aren't warranted or supported by BlueScope and they haven't undergone the extreme testing that COLORBOND® steel has to ensure it can handle Australian conditions.

Additionally, other pre-painted steel products don't have the advanced paint technology of COLORBOND® steel and may not deliver a perfect match with items like gutters and fascias or provide the same confidence in their appearance and performance over time.



IT'S YOUR HOME - MAKE SURE IT'S THE RIGHT STEEL

It's your hard-earned money and your roof, so speak to your builder to ensure they only use roofing products made from genuine COLORBOND® steel. When you specify LYSAGHT® you'll know you're getting the genuine article by checking for the COLORBOND® steel branding on the product or its packaging.



FROM COUNTRY TO COAST, THERE'S A LYSAGHT® ROOF

TO MEET EVERY CHALLENGE

NO MATTER WHERE YOU'RE BUILDING LYSAGHT® STEEL ROOFING CAN BE MANUFACTURED USING A GRADE OF COLORBOND® STEEL PERFECTLY SUITED FOR THE LOCAL ENVIRONMENTAL CONDITIONS.

While standard COLORBOND® steel will accommodate the roofing, walling and guttering needs of homes built in most locations, specialist grades are also available to suit more demanding environments such as those by the sea or areas prone to industrial emissions.





ROOFING FOR CHALLENGING ENVIRONMENTS

SUPERDURA™ Stainless steel:

- Coastal sites within 100 metres of breaking surf where there is a constant salty smell and salt spray in the air
- Sites within close proximity to industrial emissions

COLORBOND® Ultra steel:

- Coastal sites approximately 100 to 200 metres from breaking surf where there may still be a smell of salt or salt spray in the air
- Sites situated 100 to 200 metres from the source of industrial emissions (fumes and/or particulate fallout) where the effects are typically lessened

PERMALITE® Aluminium:

- For severe marine, industrial and commercial environments

Visit www.permalite.com.au for product information.

WALLING FOR CHALLENGING ENVIRONMENTS

SUPERDURA™ Stainless steel:

- Coastal areas up to 500 metres from breaking surf, or in calm marine locations

COLORBOND® Ultra steel:

- Sites situated between 500 and 1000 metres from marine influences

PERMALITE® Aluminium:

- For severe marine, industrial and commercial environments

Visit www.permalite.com.au for product information.

WHERE TO USE WHICH CLADDING PRODUCT

Lysaght can help you with choosing the correct grade of cladding product. Below is a quick guide to which grade may be most suitable for your home, depending upon its location.



CHOOSE A PROFILE FOR YOUR HOUSE THAT

YOU'LL FEEL AT HOME WITH

ACROSS AUSTRALIA, AND ACROSS THE EXCITING SPECTRUM OF RESIDENTIAL ARCHITECTURE NOW BEING SEEN, THE PERFORMANCE AND VERSATILITY OF LYSAGHT'S ROOFING PROFILES ARE HELPING GIVE FORM TO FABULOUS HOMES. WHATEVER THE STYLE OF YOUR HOME, LYSAGHT HAS A PROFILE TO SUIT.

LYSAGHT CUSTOM ORB®

Delivering a pleasing visual with its uniform 'ripple', this is the famous and original Lysaght corrugated profile. A long, wide, strong, lightweight and economical profile, LYSAGHT CUSTOM ORB® roofing offers the versatility of being laid flat or spring curved and is equally at home in both traditional and contemporary architecture.



LYSAGHT KLIP-LOK®

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





LYSAGHT TRIMDEK®

A popular and versatile profile featuring bold, trapezoidal ribs and subtle fluting in the pans, LYSAGHT TRIMDEK® roofing provides a clean, elegant look 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.



LYSAGHT SPANDEK®

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



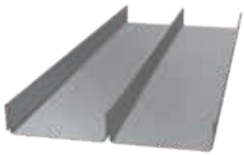
INSPIRED BY EUROPE. DESIGNED FOR AUSTRALIA

THE LYSAGHT ZENITH™ RANGE

INSPIRED BY THE BEST IN EUROPEAN DESIGN, LYSAGHT'S ZENITH™ RANGE PROVIDES A STYLISH SUITE OF PROFILES TO CHOOSE FROM, ADDING A UNIQUE ELEMENT TO YOUR HOME.

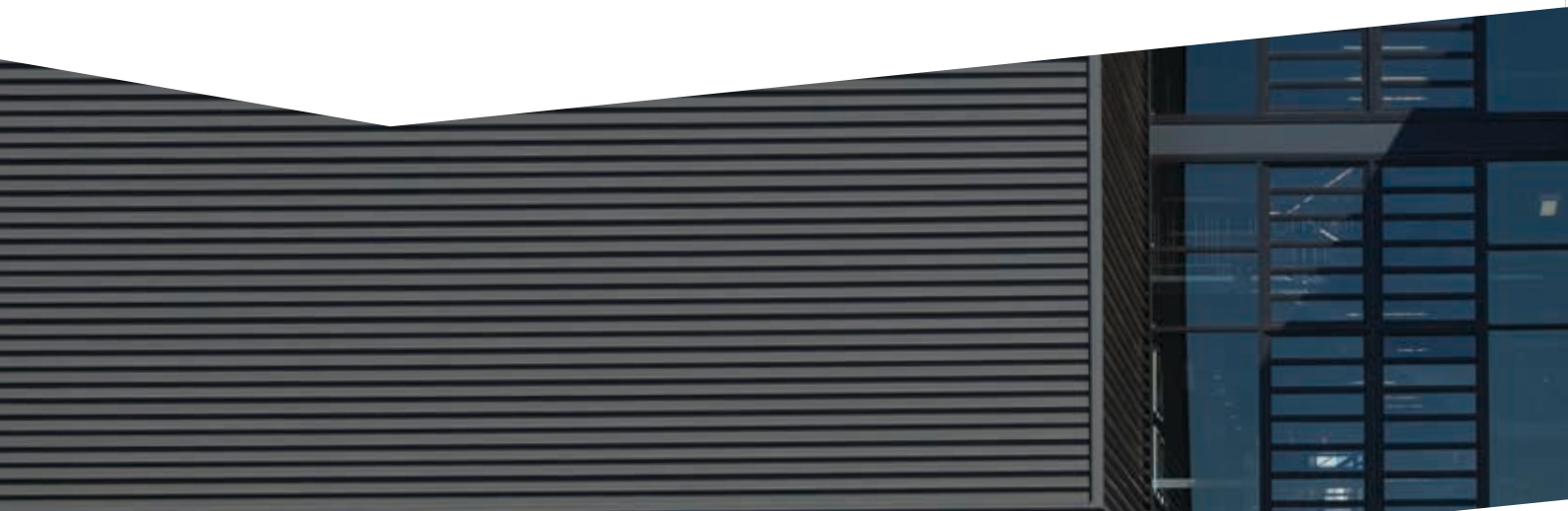
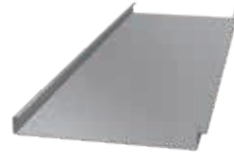
LYSAGHT LONGLINE 305®

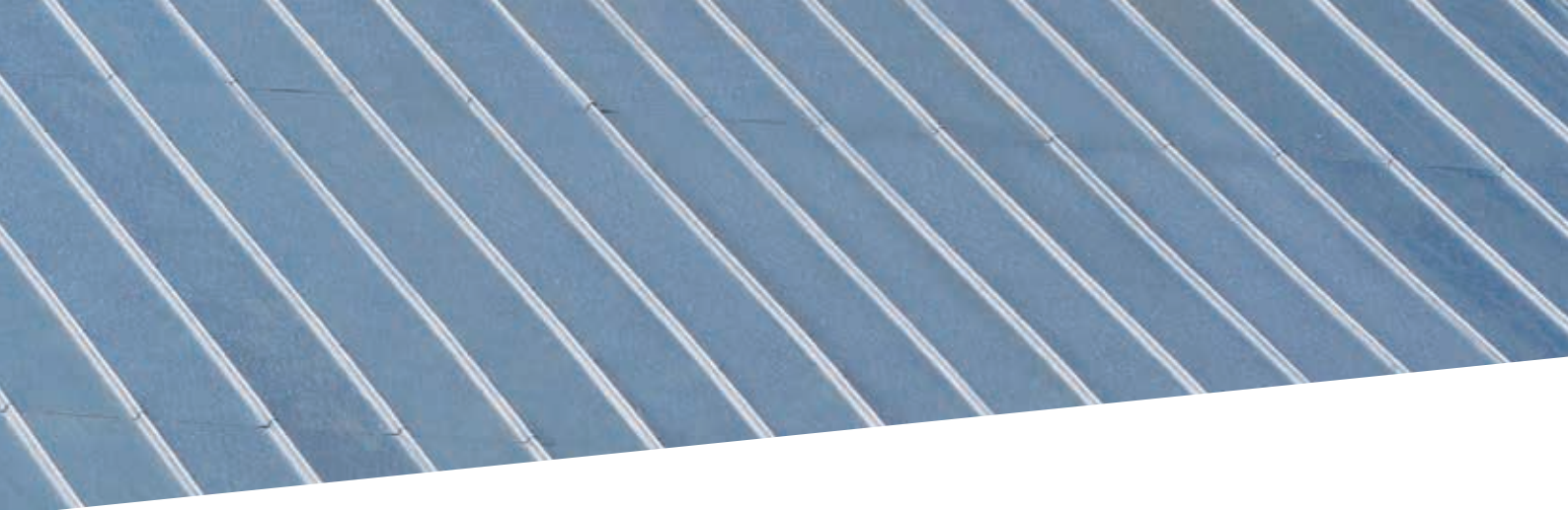
This striking cladding features slender, high ribs and broad, flat pans that make a dramatic statement on any structure. Using a concealed fixing system to maintain its clean lines, LYSAGHT LONGLINE® cladding is available with plain or fluted pans and can also be tapered for a fan-like effect where curvilinear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



LYSAGHT IMPERIAL™

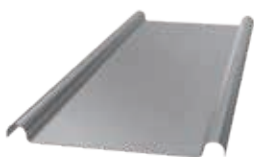
The sky is truly the limit with LYSAGHT IMPERIAL™. Featuring broad, flat pans and slender, well-defined ribs, this cleanly elegant cladding complements virtually any architectural design. Combine those good looks with a curving capacity not readily achieved in all cladding, and you have the ultimate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





LYSAGHT BAROQUE®

A heritage-inspired profile, LYSAGHT BAROQUE® features wide, flat pans defined by generous semi-circular ribs. 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.



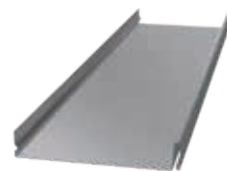
LYSAGHT ENSEAM®

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.



LYSAGHT SNAPSEAM®

With the broad, flat pans and distinctive ribs of our original LYSAGHT ENSEAM®, LYSAGHT SNAPSEAM® offers greater design flexibility utilising longer lengths and greater spanning capacity thanks to its clever concealed-fix clips. These specially designed clips provide greater fixing security while also allowing for enhanced thermal expansion and contraction to cope with a range of climatic conditions.



**COLOUR YOUR WORLD, YOUR WAY,
WITH THE LYSAGHT® STEEL**

COLOUR RANGE

LYSAGHT® ROOFING CAN BE MANUFACTURED FROM ANY* ONE OF THE 22 OPTIONS IN THE COLORBOND® STEEL COLOUR RANGE SO YOU CAN CHOOSE A ROOF OR WALL COLOUR THAT SETS THE TONE FOR YOUR WHOLE HOME OR COMPLEMENTS YOUR OTHER BUILDING MATERIAL CHOICES.

YOU CAN ALSO MIX AND MATCH THESE COLOURS WHEN YOU CHOOSE GUTTERS, FASCIA AND DOWNPIPES MADE FROM COLORBOND® STEEL, TO CREATE A UNIQUE AND VERY INDIVIDUAL STYLE.

Whether you prefer colours that are subtle or bold, light or dark, cool or warm, you'll find the perfect colour for your home in COLORBOND® steel.



STANDARD COLOUR RANGE*



*Not all colours are available in all grades of COLORBOND® steel and for all LYSAGHT® roofing and walling profiles – visit www.lysaght.com for details on all available colours.

COLORBOND® STEEL MATT – AN EXCITING CONTEMPORARY FINISH

Delivering a subtle yet distinctive texture through innovative paint technology that diffuses light reflection to provide a softer appearance and true matt finish, COLORBOND® steel Matt gives you a very elegant new design option for your home. LYSAGHT® roofing made from COLORBOND® steel Matt is now available in five contemporary colour choices.





FASCIA, GUTTERS AND DOWNPIPES THAT

ADD FABULOUS FINISHING TOUCHES

THESE IMPORTANT ELEMENTS ARE NOT ONLY CRUCIAL IN ENSURING YOUR HOUSE IS COMPLETELY WEATHER RESISTANT, BUT ALSO ADD STYLISH FINISHING TOUCHES THAT REALLY COMPLETE THE LOOK OF YOUR HOME.

Lysaght's range of fascia, gutters and downpipes offer the best of both worlds in products that are not only designed for exceptional performance, but also to deliver exceptional good looks.

Made from quality, Australian-made steel and available in a wide array of styles and colours, you can be sure LYSAGHT® fascia, gutters and downpipes will make your home shine - whatever the weather.





LYSAGHT DESIGN ASSISTANCE CAPABILITY

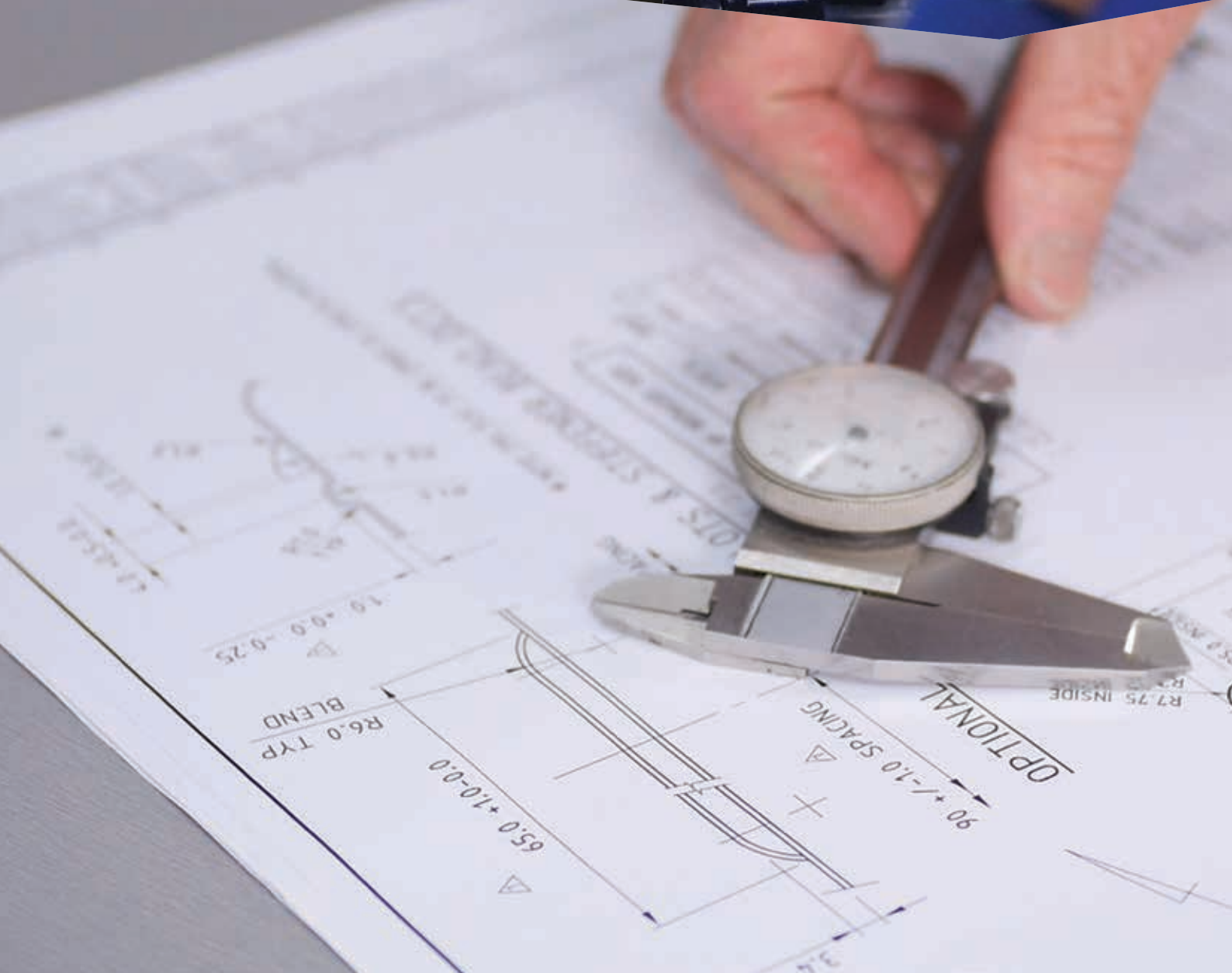
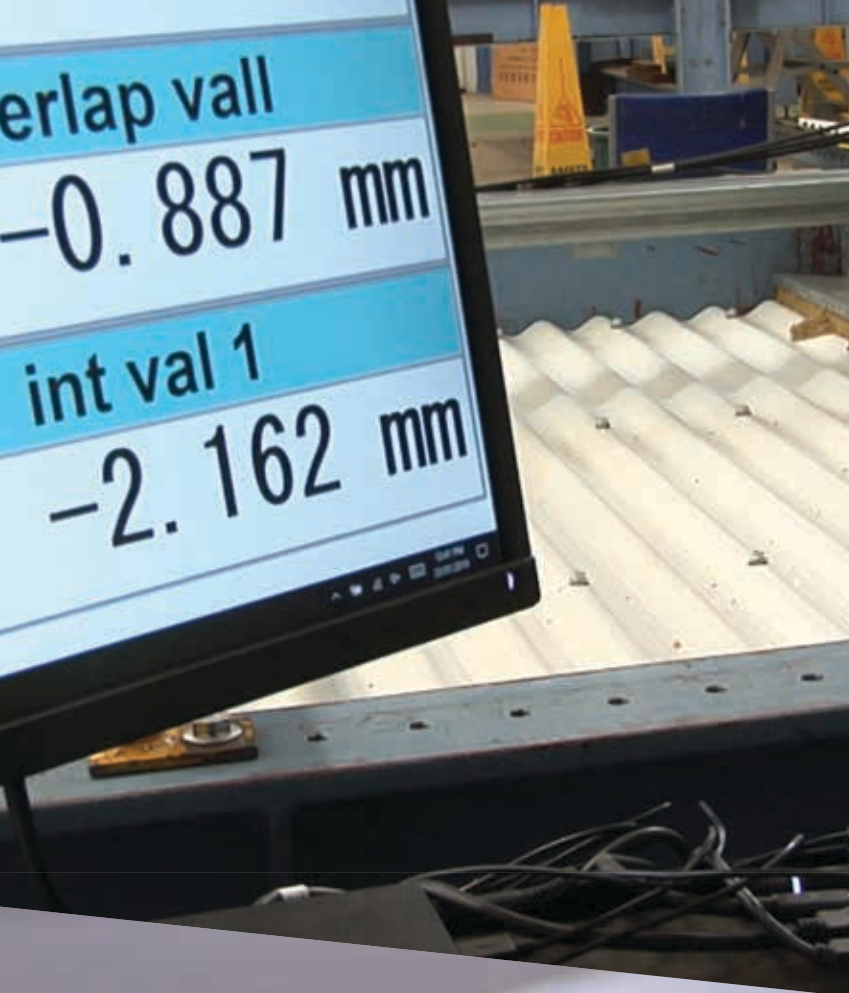
OVER THE LAST 150 YEARS, LYSAGHT HAS EARNED AN ENVIABLE REPUTATION AS AN INDUSTRY LEADER COMMITTED TO WORKING WITH ARCHITECTS, DESIGNERS, BUILDERS AND BUILDING OWNERS TO DELIVER INNOVATIVE AND GROUND-BREAKING STEEL BUILDING PRODUCTS, ADVANCED BUILDING SYSTEMS AND CREATIVE DESIGN SOLUTIONS.

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.



FOR YOUR NEAREST SUPPLIER VISIT:

WWW.LYSAGHT.COM

FOR SALES ENQUIRIES CALL 13 30 38

FOR TECHNICAL ENQUIRIES CALL 1800 641 417

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The LYSAGHT® range of products is exclusively made by or for BlueScope Steel Limited trading as Lysaght.

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The COLORBOND® steel colour swatches shown have been reproduced to represent actual product colours and finish as accurately as possible. However, we recommend checking your chosen colour against an actual sample of the product before purchasing, as varying light conditions and limitations of the printing process may affect colour tones and finish. To determine the most suitable material for your project, please contact your supplier or steel.com.au/colorbond.

