

permalite

ALUMINIUM BUILDING SOLUTIONS



THE SMART CHOICE

In aggressive environments such as water frontages, industrial facilities or any application where corrosion becomes a major concern, PERMALITE® aluminium building products are the stand-out choice for long term performance and peace of mind.

All PERMALITE® cladding, rainwater and structural products are produced from marine grade aluminium, an alloy specifically developed for its resistance to corrosion in marine or industrial environments.

Resistance to corrosion in the presence of salt spray and other airborne chemical agents has made PERMALITE® an ongoing success on projects all over Australia for more than 40 years.

DURABILITY AND LONGEVITY

PERMALITE® products exhibit exceptional durability, even in the harshest building environments. Their corrosion resistance and resistance to atmospheric degradation make the PERMALITE® range the ideal choice for long-term building solutions in aggressive environments. Buildings constructed using PERMALITE® aluminium products can resist the challenges posed by saltwater exposure, humidity, chemical and microbial attacks, ensuring minimal maintenance requirements and increased lifespan.



LIGHTWEIGHT

PERMALITE® products weigh as little as one third as much as their steel equivalents. Figure PERMALITE® building solutions into your design calculations to take maximum advantage of the positive impact their weight saving can have on structural element design.

The light weight of PERMALITE® aluminium cladding or purlins can also deliver significant material handling advantages, resulting in reduced crane costs and potentially lower labour requirements for manual handling by installers.

EXPERT ASSISTANCE AND WARRANTIES

To help make the most of any PERMALITE® solution you can call on Lysaght's wealth of technical and industry experience to assist with design advice, custom colours or even on-site assistance. PERMALITE® aluminium roofing and walling products are supported by an attractive warranty of up to 40 years* on the aluminium substrate.

*Conditions apply. See website for details.

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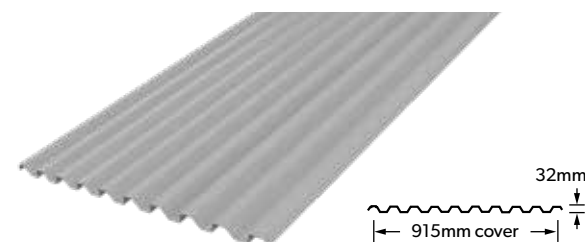
PROFILES STYLED FOR STRENGTH AND PERFORMANCE

For use in marine and other challenging environments, PERMALITE® aluminium is a long lasting, durable, lightweight alternative to other roofing and walling materials, outstanding in its ability to remain corrosion free with minimal maintenance.

V-RIB®

Featuring a neat, balanced appearance, and the ability to be installed quickly due to its large cover width, V-RIB® is an effective aluminium roofing or walling option for many projects. Delivering a contemporary appearance on buildings, this profile is also effectively used as insulation jacketing in power stations and chemical processing plants.

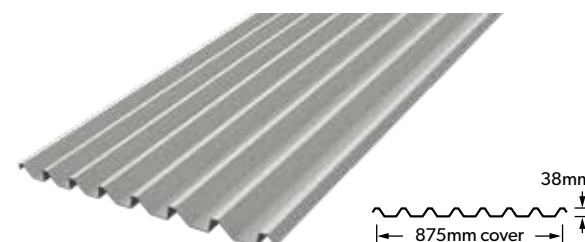
Available in: NSW/ACT, NT, QLD, SA, TAS, VIC, WA



LT7®

Combining several advantages, including strength, water-carrying capacity, fixing economy and eave closure features, LT7® is a flexible aluminium roofing or walling option. Its spanning ability, lightness, and rigidity permit LT7® to achieve large support spacings, whilst also supporting safe handling and installation on-site.

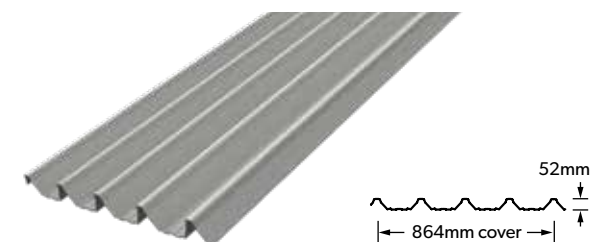
Available in: NSW/ACT, NT, QLD, SA, TAS, VIC, WA



ALSPAN®

The bold ribs and wide pans of ALSPAN® offer a well-defined appearance on large roof planes. Combined with advantages including a long spanning capability, large rainwater-carrying capacity, and an ability to be used at low roof pitches, ALSPAN® is a high-performing roofing solution.

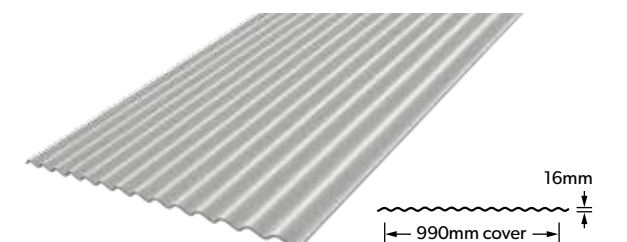
Available in: NSW/ACT, NT, QLD, SA, TAS, VIC, WA



WAVELINE®

Featuring the classic Australian corrugated roofing profile proven for its style and versatility. With a coverage of 990mm it is quick to install and provides minimum wastage. WAVELINE® is suitable for use as both a roof and wall cladding. The universal appeal of this profile means it can be used to complement either a traditional or modern building design.

Available in: NSW/ACT, NT, QLD, SA, TAS, VIC, WA



COLOURS AND FINISHES TO SUIT ANY PROJECT



PERMALITE® aluminium cladding is readily available in a variety of finishes and standard colours. For larger projects custom colours may be available by enquiry.

MILL FINISH

An unpainted smooth, lustrous finish which will dull relatively quickly by a natural weathering process which enhances its inherent corrosion resistance.

STUCCO EMBOSSED FINISH

Modifies the Mill Finish to reduce the specular reflectance in applications where this is required.

PRE-PAINTED FINISH

PERMALITE® cladding is available in a range of contemporary colours to complement the visual appeal of any building design.

PERMALITE® COLOURS AND FINISHES



Other colours are available by enquiry dependent on the size of the project.

PROJECTS

DICKY BEACH

 **LOCATION:** Sunshine Coast, QLD
 **ARCHITECT:** Charles Wright

 **PRODUCT:** V-RIB®
 **FINISH:** PERMALITE® in colour Moon Shadow®

This impressive home located on the Sunshine Coast, Queensland embodies architectural innovation, utilising PERMALITE® aluminium cladding to withstand harsh coastal conditions. The client brief sought a durable, low-maintenance, intergenerational beach house with ocean views. The coastal location presented challenges including salt spray exposure and humidity thereby demanding resilient building materials. PERMALITE V-RIB® in colour Moon Shadow® was chosen for the inherent corrosion resistance of its marine grade aluminium base, durability in this environment and low maintenance properties.



TOWNSVILLE SUGAR TERMINAL

 **LOCATION:** South Townsville, QLD
 **INSTALLER:** QLD Industrial Cladding

 **PRODUCT:** LT7®
 **FINISH:** PERMALITE® in colour Gull Grey™

The reroofing project at Townsville’s Bulk Sugar Terminal showcased the benefits of a PERMALITE® aluminium product solution. Structural issues necessitated the adoption of lightweight LT7® aluminium cladding. Lysaght worked closely with Queensland Industrial Cladding to schedule timely material deliveries and also to provide ongoing support throughout this complex project. The successful completion of the job highlights the vital role of technical assistance, logistics planning and project support in executing ambitious projects.





ROCKPOOL APARTMENTS



LOCATION: Mona Vale, NSW



ARCHITECT: Popovbass Architects



PRODUCT: WAVELINE® V-RIB®



FINISH: PERMALITE® in colour
Gull Grey™

Rockpool, a luxury residential development by architect Alexander Popov, sits on Mona Vale Beach, Sydney. The complex features 17 apartments with innovative designs offering sea views. Facing harsh coastal conditions, the body corporate sought durable roofing solutions. Lysaght proposed PERMALITE® marine grade aluminium cladding. WAVELINE® and V-RIB® profiles were chosen for their aesthetic appeal and functionality. Despite residents occupying the apartments during the reroofing, Lysaght collaborated closely with the contractor to ensure timely installation and minimal disruption. Rockpool's body corporate endorsed PERMALITE® cladding for its proven performance and low maintenance, securing the complex's prestigious status.

HILLARYS BEACH CLUB



LOCATION: Hillarys, WA



ARCHITECT: SPH Architecture
+ Interiors



PRODUCT: LT7®



FINISH: PERMALITE® in colour
Glacier White™

The Hillarys Beach Club, a 1400m² multi-level venue situated at Pinnaroo Point, offers diverse amenities such as a restaurant, function space, alfresco area, lounge bar and a beachside kiosk. The design features PERMALITE® LT7 0.9mm marine grade aluminium cladding in colour Glacier White® for both roofing and walling. This choice of material ensures durability and corrosion resistance in the coastal environment while enhancing the venue's modern aesthetic. The innovative use of PERMALITE® supports the structure's integrity and contributes to the club's sustainability, aligning with the project's goal of offering a high-quality and low maintenance, accessible beachside experience.





Scan the QR code to access more design inspiration and product information on **permalite.com.au**

PERMALITE.COM.AU

FOR SALES ENQUIRIES CALL 1300 850 389

PRODUCT DESCRIPTIONS

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- b) Alter specifications shown in its publications and websites to reflect changes made after the date of publication.

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INSPIRATION TO BUILD BETTER

LYSAGHT