



# ALUMINIUM BUILDING SOLUTIONS



INSPIRATION TO BUILD BETTER



permalite

# 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 profiles, purlins and flashings 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, but it's just one of the many benefits PERMALITE® delivers.

## DURABILITY PLUS

Durability plays a key role in decision making as part of the building design and construction process. Through its steel building product research and development, Lysaght has demonstrated its commitment to durability. That commitment continues with the PERMALITE® aluminium range.

The PERMALITE® range offers the durability advantages of marine grade aluminium with the additional benefit of recyclability. Its corrosion resistance also helps keep building maintenance costs low.

## LIGHT WEIGHT

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 ability can have on structural element design.

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

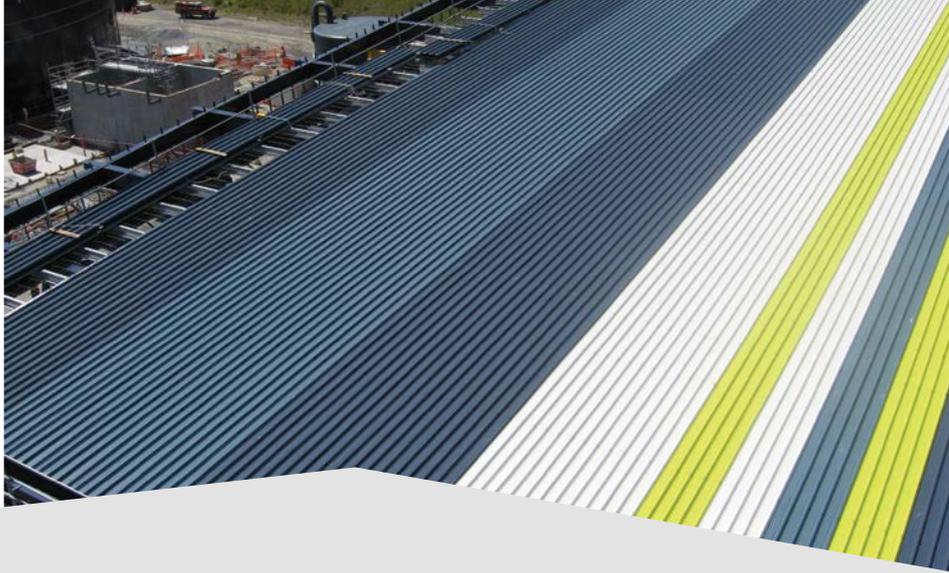
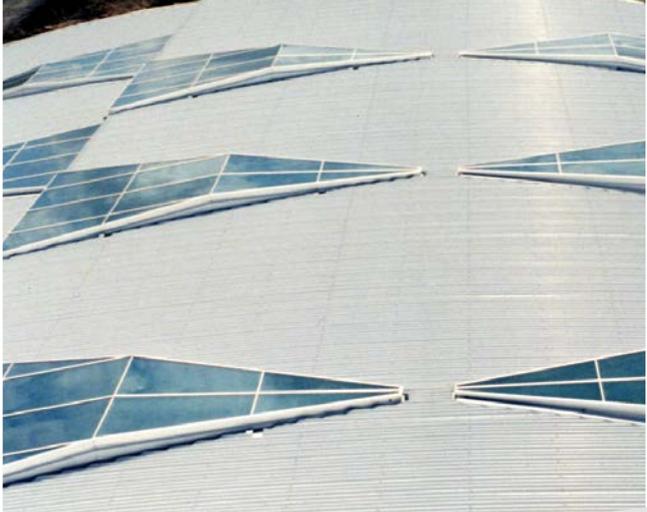
## EXPERT ASSISTANCE & WARRANTIES

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 products are supported by extensive warranties of up to 40 years\* on the aluminium substrate.

\*Conditions apply. See website for details.

**LYSAGHT**



# PROFILES STYLED FOR STRENGTH AND PERFORMANCE

The PERMALITE® range consists of five stylish aluminium roofing and walling profiles.

**PERMALITE V-RIB®** provides a wide (915mm) cover and a symmetry which makes it equally suitable for roof or wall cladding. A double capillary drain in the rib overlap ensures weather security. V-RIB® is available in 0.70mm, 0.90mm and 1.2mm thicknesses.

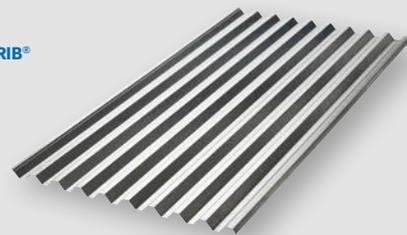
**LT7®** is the ultimate in cladding versatility, due to its strength, water carrying capacity, fixing economy and eave closing features. It is available in 0.70mm, 0.90mm and 1.2mm thicknesses and can be reversed to provide a bold wall effect.

**ALSPAN®** was designed specifically to provide a wide spanning capability, to have a high water-carrying capacity and to accommodate construction and maintenance foot traffic. ALSPAN® is available in 0.70mm and 0.90mm thicknesses. Its distinctive ribs and wide pans make it a natural choice for well-defined presentation of large areas.

**WAVELINE®** is 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 design on any building project.

**ALSULATE-125®** insulated sandwich panel system is a roofing system with both insulative and structural advantages. The clever sandwich design incorporates both roofing and a prefinished ceiling using 5251 H38 Marine grade aluminium to provide outstanding watertightness, durability and stunning aesthetics. A variety of flashings and ridge covers cap off the roof design.

PERMALITE V-RIB®



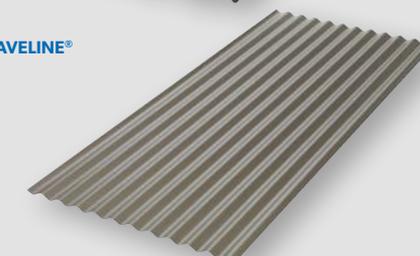
PERMALITE LT7®



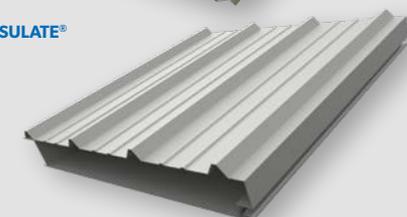
PERMALITE ALSPAN®



PERMALITE WAVELINE®



PERMALITE ALSULATE®



# COLOURS & PROFILES TO SUIT ANY PROJECT

PERMALITE® aluminium cladding solutions are available in a variety of finishes, profiles and standard colours.

For larger projects custom colours may be available by enquiry.

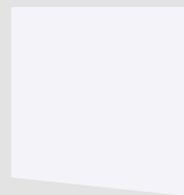
All PERMALITE® aluminium cladding profiles can be specified in a choice of three finishes.

**MILL FINISH** – Gives a smooth, lustrous finish which will dull relatively quickly by a weathering process which enhances its natural corrosion resistance.

**STUCCO EMBOSSED FINISH** – Modifies the Mill Finish to reduce reflectance in applications where this is required.

**PAINTED FINISH** – Choose from a range of popular colours developed using our extensive expertise in colour coating roofing metals. Colours suitable for every application, from a 5 star seaside resort to a chemical plant or coal loader.

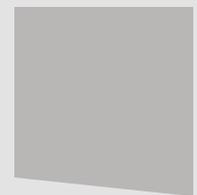
## PERMALITE® COLOURS & FINISHES



GLACIER WHITE™



GULL GREY™



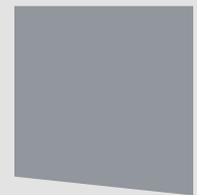
SAHARA®



ENDURO GREEN®



SLATE GREY™



MOON SHADOW®



OBELISK GREY®



MILL FINISH ALUMINIUM



STUCCO FINISH ALUMINIUM

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

**Please note:** The PERMALITE® colours shown in this leaflet have been reproduced to represent actual product colours 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 affect colour tones.

FOR MORE INFORMATION VISIT:

[WWW.PERMALITE.COM.AU](http://WWW.PERMALITE.COM.AU)

OR CALL TOLL FREE 1300 850 389

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