

UniCote® Extreme

Aluminium performance for roofing and cladding

UniCote® Extreme takes durability further with a marine-grade aluminium substrate engineered for the most demanding environments. Offering exceptional corrosion resistance, it provides a high-performance solution for roofing and cladding exposed to severe marine and industrial conditions, including applications from 0m+ marine influence.

Benefits

Marine-Grade Aluminium
Manufactured from marine-grade aluminium for superior resistance to corrosion in highly exposed marine and industrial environments.

Extreme Corrosion Resistance
Designed for severe exposure conditions, including projects from 0m+ marine influence and ISO 9223 Categories 1–5.

Up to 50-Year Warranty
Project-specific warranties of up to 50 years are available, providing long-term confidence in demanding environments.

Non-Combustible Confidence
Non-combustible and tested to AS 1530.3, UniCote® Extreme is suitable for roofing and walling in bushfire-prone areas, including BAL-FZ when used in a compliant system.

Versatile Colour Range
Readily available in 7 stocked colours, with an extended selection available made-to-order from the UniCote® Essential and Tasman colour ranges.

Tested to Australian Standards
UniCote® Extreme conforms to AS/NZS 2728:2013 ensuring it meets rigorous Australian standards for performance and durability.

Warranty Guide* / Environmental Categories

Not just for extreme environments. For projects designed to last.

UniCote® Extreme is designed for the most demanding environments, particularly roofing and cladding exposed to severe marine and industrial conditions, including ISO 9223 Categories 1–5.

Manufactured from marine-grade aluminium, UniCote® Extreme provides exceptional corrosion resistance without relying on a sacrificial metallic coating, making it suitable for projects from 0m+ marine influence.

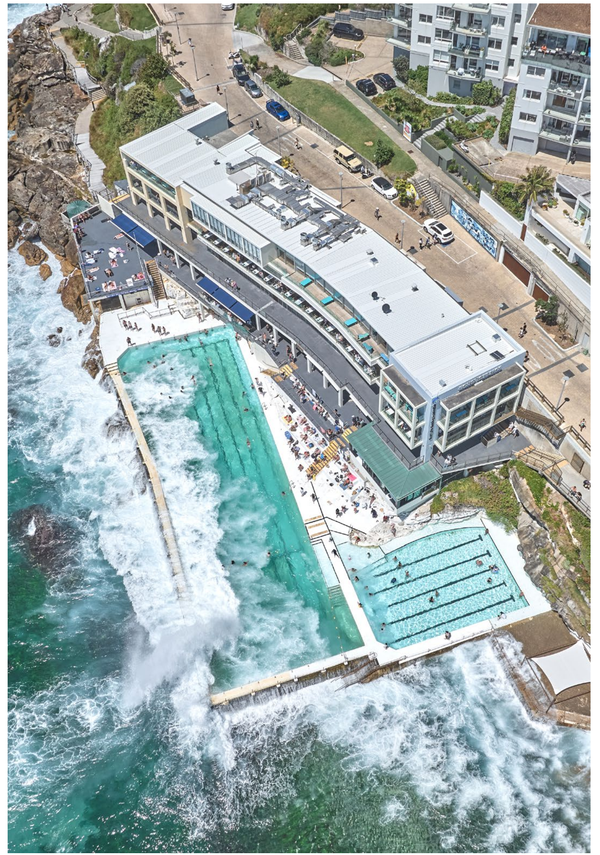
Project specific warranties available upon application
Scan to apply for a UniCote® warranty pre-approval
Or visit: unicote.com.au/warranty



UniCote® Extreme Aluminium

	MILD		MODERATE		MARINE		SEVERE MARINE		VERY SEVERE MARINE			
	C1 – Very Low (5000m+) Inland environments with negligible pollution or salt exposure.		C2 – Low (5000-1000m) Rural or inland environmwents with low pollution and minimal airborne salt deposition.		C3 – Medium (1000-400m) Urban, suburban or light industrial environments with moderate pollution or low coastal salt exposure.		C4 – High (400-200m) Industrial or near-coastal environments with elevated pollution or moderate salt deposition; may extend inland depending on local conditions.		C5 – Very High (200-100m) Severe marine or heavy industrial environments with high salt exposure; may extend inland under prevailing winds or harsh microclimates.		CX - Extreme (100-0m) Close to breaking surf or corrosive industrial emissions	
	ROOFING	WALLING	ROOFING	WALLING	ROOFING	WALLING	ROOFING	WALLING	ROOFING	WALLING	ROOFING	WALLING
PERFORATION	50 Years	30 Years	40 Years	25 Years	40 Years	25 Years	30 Years	25 Years	30 Years	25 Years	25 Years	20 Years
PAINT	20 Years	15 Years	20 Years	15 Years	20 Years	15 Years	15 Years	15 Years	15 Years	15 Years	15 Years	15 Years

These are general guidelines only. Building location, design and aspect need to be taken into account. Contact UniCote® to discuss your specific project requirements on 1800 UNICOTE (1800 864 2268) or unicote@selectam.com.au.

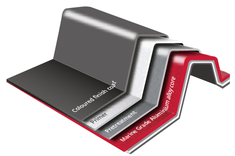


Material breakdown

Substrate	Type 5005, or 5052 Marine Grade Aluminium.
Pre-treatment	Corrosion resistant conversion coating.
Primer	A flexible corrosion resistant primer on both sides. Nominal thickness is 5µms ± 1µms.
Finish Coat	Super Advanced Durable Polyester coating (SADP). Nominal film thickness 18µms ± 2µms.
Backing Coat	Grey polyester wash coat. Nominal thickness is 5µms ± 1µms
Gloss	Available in standard 25% gloss and 6 satin colour options.
Protective Film	Some products are supplied with an easily removed strippable protective film. This material has a relatively short life span when exposed to sunlight and weather. It should be removed either just before, or immediately after installation and should not be exposed to direct sunlight.

Tested for peace of mind

UniCote® Extreme undergoes rigorous performance testing to provide confidence in demanding marine and industrial environments. Designed for exceptional corrosion resistance and long-term durability, its marine-grade aluminium construction delivers dependable performance where exposure conditions are at their most severe.



Fire Resistance · Scratch Resistance · Salt Spray · QUV Resistance · Heat Resistance · Impact Resistance · Humidity Resistance · Bend Test

Choose from stocked colours or our extended range

UniCote® Extreme is available in 7 stocked colours, with an extended selection available on request from the UniCote® Essential and Tasman colour ranges. This flexible palette gives architects and designers greater freedom to specify marine-grade aluminium for demanding environments without compromising their desired architectural aesthetic.

Stocked colours

Off White	Pilbara Grey Satin	Tudor Satin	Obsidian Satin	Cyad Satin	Cosmic Satin	Blue Metal Satin
SA 0.33 | SRI 81	SA 0.60 | SRI 43	SA 0.76 | SRI 22	SA 0.76 | SRI 22	SA 0.78 | SRI 18	SA 0.95 | SRI -1	SA 0.78 | SRI 19

*Warranty guides shown for both perforation and paint are "up to" the stated number of years and do not represent a minimum term.
The colours, patterns and design shown are provided as a guide only. We strongly recommend comparing your choice with an actual steel sample as colour and textural variations may apply. Please check availability of your chosen colour with your supplier.

Data sheet

UniCote® Extreme
Aluminium

Property	Test Method	Results
Adhesion		
Reverse Impact	AS/NZ 2728:2013 (App. E)	≥ 6 Joules
T-bend	AS/NZ 2728:2013 (App. F)	Maximum 6T
Specular Gloss		
60° meter	AS/NZS 1580.602.2 ASTM D523-14	Nominal 25 ± 10 units Matt Finish ± 3 units
Painted Film Hardness		
Pencil Hardness	AS/NZS 1580.405.1	HB or harder
Solvent Resistance	ASTM D5402-15	Exceeds 50 double rubs
Scratch Resistance	AS 2331.4.7	Needle carrying 1500g No marking evident
Resistance to Corrosion		
Salt spray (1000 hours)	AS/NZS 2728:2013, AS/NZS 1580.481.1.9 (Blisters) AS 1580.408.4 (Adhesion)	Blister density: ≤ 2 Blister size: ≤ 2 Undercut from score: ≤ 2mm No loss of adhesion No corrosion to base metal
Cyclic Corrosion Test (2000 hours)	Not applicable	Not applicable
Resistance to Humidity		
Cleveland (500 hours)	ASTM D4545 AS/NZS 1580.408.4 (Adhesion) AS/NZS 1580.481.1.9 (Blisters)	Blister density: ≤ 2 Blister size: ≤ 3 No loss of adhesion No corrosion to base metal
Resistance to Colour Change		
QUV (2000hrs)	ASTM G154 ASTM D2244 (Colour)	ΔE CIEDE2000 Intermediate colour ≤5 units
Resistance to Chalking		
QUV (2000hrs)	ASTM G154-16 & AS/NZS 1580.481.1.11:1998 (R2013) (Chalk Method B)	Chalk Rating ≤ 4 units
Resistance to Fire		
Exposure	AS/NZS 1530.3	Deemed non-combustible Ignitability Index: 0 Smoke Developed Index: 0-2

Please note: This data sheet does not warrant UniCote® for all purposes.

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Australia's Premium Steel Choice.

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