



UniCote® Coastal

Product and warranty guide

UniCote® Coastal

Coastal steel for roofing and cladding

UniCote® Coastal takes our standard aluminium/zinc alloy-coated steel substrate to the next level with a thicker AM210 coating and the addition of magnesium. This enables the zinc to ‘flow’, which seals the cut edges preventing exposure to premature corrosion. This makes it ideal for harsher environments and those nearer the coast.

Benefits

Enhanced Corrosion Protection

UniCote® Coastal combines a magnesium-enriched alloy with a 30% thicker metallic coating, helping protect cut edges and improve resistance in corrosive environments.

Warranty up to 50 Years

Tailored warranties for different environments, providing peace of mind in severe marine and industrial areas.

Global GreenTag Certification

UniCote® Coastal is Global GreenTag^{Cert™} GreenRate Level A certified, supporting sustainable material selection and greater product transparency.

Non-Combustible Confidence

Non-combustible and tested to AS 1530.3, UniCote® Coastal 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 popular colours, and 61 made to order colours across the Essential and Tasman range.

Tested to Australian Standards

UniCote® Coastal conforms to AS/NZS 2728:2013 and AS 1397:2021 ensuring it meets rigorous Australian standards for performance and durability.

unicote.com.au

A steel material that heals its own cuts

UniCote® Coastal is the ideal choice for more demanding environments, particularly roofing and cladding in severe marine environments up to ISO 9223 - Category 5.

UniCote® Coastal possesses a remarkable ability to “self-heal” due to Magnesium in the alloy assisting zinc to flow and protect cut edges.



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

UniCote®*Coastal*

PERFORATION

PAINT

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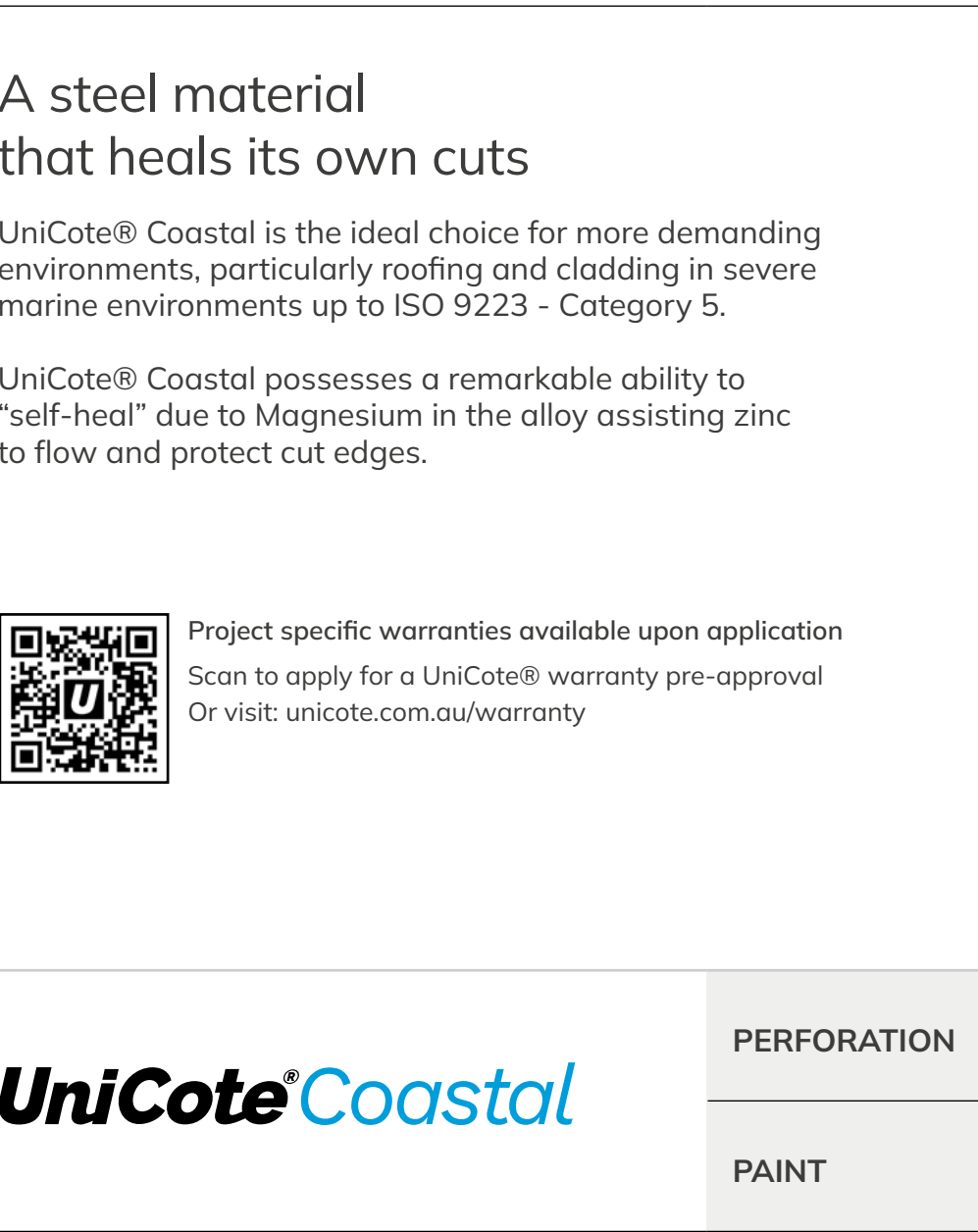


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UniCote® Coastal	PERFORATION
	PAIN

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 environments 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
50 Years	30 Years	40 Years	25 Years	35 Years	25 Years	30 Years	20 Years	20 Years	20 Years	15 Years	N/A
20 Years	15 Years	20 Years	15 Years	20 Years	15 Years	15 Years	15 Years	15 Years	15 Years	10 Years	

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Substrate	AM210. Hot-dipped Zinc/Aluminium/Magnesium alloy coated steel coil. Alloy coating weight; Minimum 210 gms/m².
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, 6 satin finish and 3 matt 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.

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peace of mind

UniCote® Coastal's rigorous performance testing reflects its commitment to quality and durability, giving you confidence in its reliability. Exceeding industry standards, it offers exceptional strength, corrosion resistance, and weather endurance, ensuring your architectural visions endure over time.

Fire Resistance

Scratch Resistance

Salt Spray

QUV Resistance

Heat Resistance

Impact Resistance

Humidity Resistance

Bend Test

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Fire Resistance



Scratch Resistance



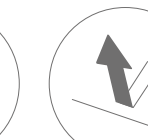
Salt Spray



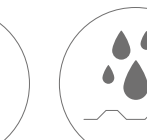
QUV Resistance



Heat Resistance



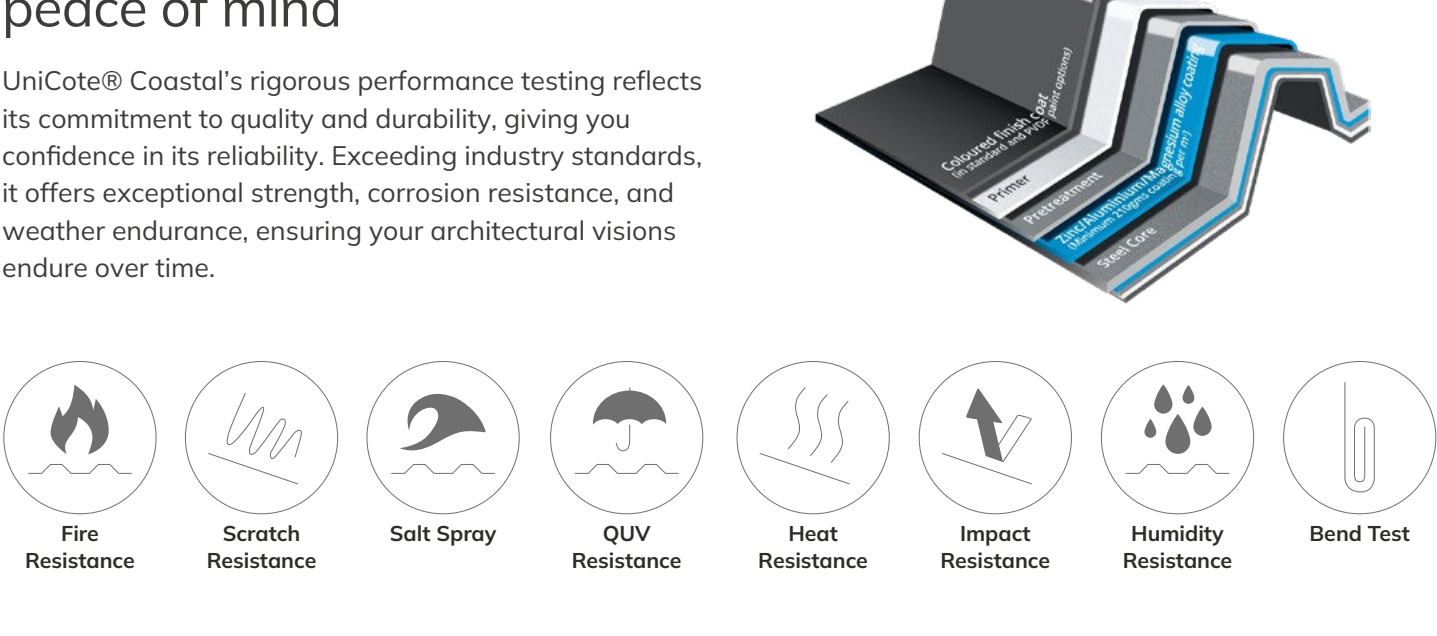
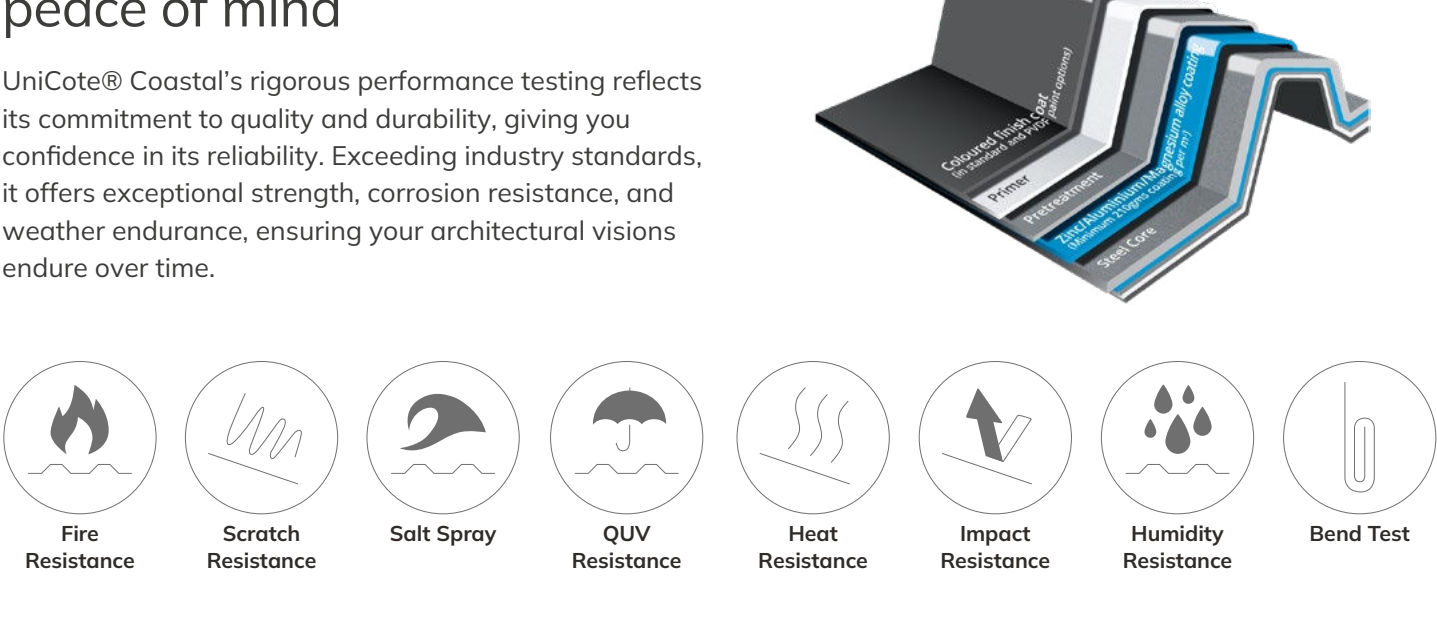
Impact Resistance



Humidity Resistance



Bend Test

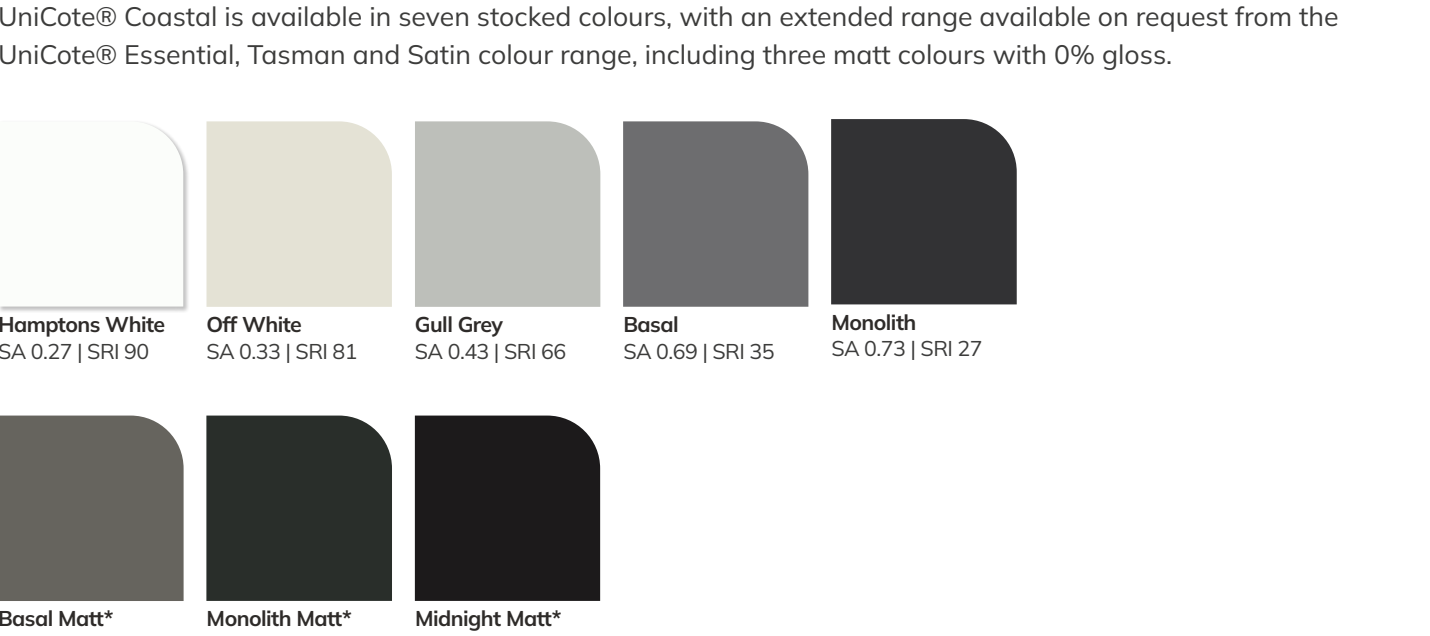


UniCote® Coastal is available in seven stocked colours, with an extended range available on request from the UniCote® Essential, Tasman and Satin colour range, including three matt colours with 0% gloss.

Hamptons White SA 0.27 SRI 90	Off White SA 0.33 SRI 81	Gull Grey SA 0.43 SRI 66	Basal SA 0.69 SRI 35	Monolith SA 0.73 SRI 27
Basal Matt*	Monolith Matt*	Midnight Matt*		

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Certification

UniCote® Coastal is independently certified to Global GreenTag^{Cert™} GreenRate Level A, providing architects and builders with greater confidence when selecting materials for projects with sustainability objectives.

UniCote® Coastal is also supported by a product-specific Environmental Product Declaration (EPD), providing transparent environmental performance data across the product lifecycle. Together, these credentials contribute to a Responsible Product Value (RPV) of 15 under the GBCA Responsible Products Framework and can support projects targeting Green Star outcomes.



The image shows the Global GreenTag Cert™ GreenRate Level A logo. It is a green badge with a white swirl icon at the top right. The text 'Global GreenTag Cert™' is in white, with 'Certified' below it. A white arrow points to the right, containing the text 'LEVEL A'. To the right of the arrow is a QR code. At the bottom, the text 'GreenRate™' is in white.

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Property	Test Method	Results
Adhesion		
Reverse Impact	AS/NZ 2728:2013 (App. E)	≥ 10 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)	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: ≤ 1mm No loss of adhesion No corrosion to base metal
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 ISO 5660:2002	Deemed non-combustible Ignitability Index: 0 Smoke Developed Index: 0-2 Group 1-S. Complies with the NZBC paragraph A1.3

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

Beyond Colour.
Australia’s Premium Steel Choice.

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