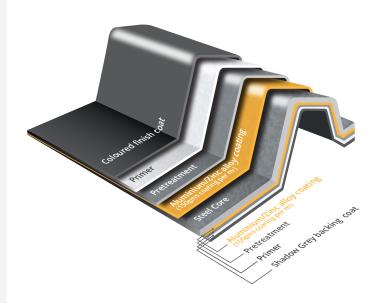
Endurance in colour steel

Durable with long-lasting colour retention, UniCote® Select is our most popular choice, providing flexibility in style and peace of mind for your next project.

Suitable in atmospheric environments up to ISO 9223 - Category 3: Marine.

Conforms to AS/NZS 2728:2013



Material breakdown

Substrate	Hot-dipped Zinc/Aluminium alloy coated steel coil. Alloy coating weight; 150gm/m².	
Pre-treatment	Corrosion resistant conversion coating.	
Primer coat	A flexible corrosion resistant primer. Nominal film thickness is $7\mu ms\pm 1\mu ms$ on the top side and $5\mu ms\pm 1\mu ms$ on the reverse.	
Finish coat	Super Advanced Durable Polyester coating (SADP). Nominal film thickness 18µms ± 2µms. Available in standard 25% Gloss.	
Backing coat	Grey polyester wash coat. Nominal thickness is 5µms ± 1µms.	

Recommended end uses

UniCote[®] Select is suitable for exterior and interior uses in ISO 9223:2012 Environmental Categories 1–3 for: Roofing and Roofing Accessories, Wall Cladding and Rainwater products (Gutters, Fascia, Downpipes).

Product attributes

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			
Solvent Resistance	ASTM D5402-15	Exceeds 50 double rubs	
Scratch Resistance	AS 2331.4.7	Needle carrying 1500g. No marking evident	
Pencil Hardness	AS/NZS 1580.405.1	HB or harder	
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 1580.481.1.9 (Blisters) AS/NZS 1580.408.4 (Adhesion)	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 datasheet does not warrant Unicote for all purposes.

