

# Data Sheet

February 2017

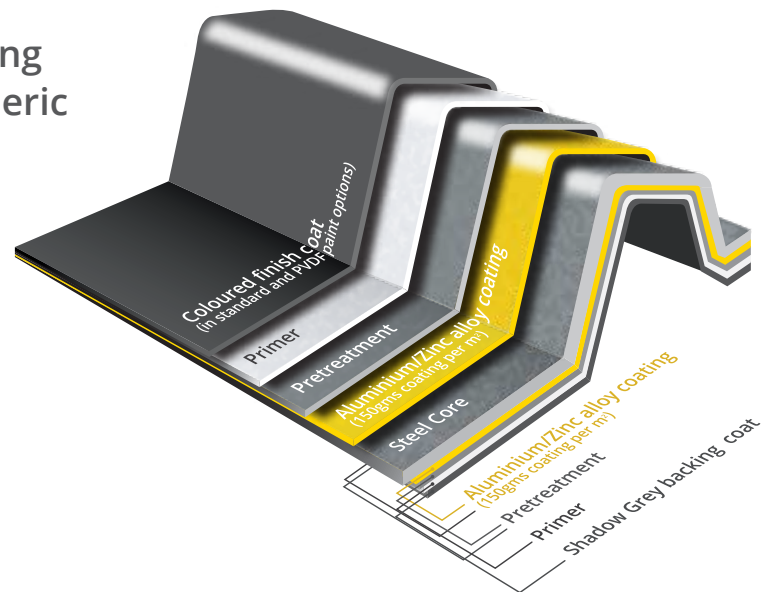


The sound choice for roofing, cladding and Rainwater products in atmospheric environments up to ISO 3: Marine

## Description

A durable, highly formable and cost effective product with excellent colour retention for exterior and interior use.

Conforms to AS/NZS 2728:2013



<b>Substrate</b>	Hot-dipped Zinc/Aluminium alloy coated steel coil. Alloy coating weight; 150gms/m <sup>2</sup> .
<b>Pre-treatment</b>	Corrosion resistant chromate conversion coating.
<b>Primer coat</b>	A flexible corrosion resistant chromated primer. Nominal film thickness 7µ ± 1µ on the top side and 5µ ± 1µ on the reverse.
<b>Finish coat</b>	Super Advanced Durable Polyester coating (SADP). Nominal film thickness 18µ ± 2µ. 25% Gloss.
<b>Protective Film</b>	Certain products are supplied with an easily removed strippable protective film. It should be removed immediately after installation.
<b>Backing coat</b>	Grey polyester wash coat. Nominal thickness is 5µ ± 1µ.

## Recommended end uses

UniCote® 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).

**PLEASE NOTE: This datasheet does not warrant UniCote for all purposes. Please make use of the Warranty Enquiry Form on the UniCote website [www.unicote.com.au](http://www.unicote.com.au)**

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## Product attributes

For more information regarding handling, storage, installation and more, please visit [www.unicote.com.au](http://www.unicote.com.au)

Property	Test Method	Requirements
<b>Adhesion</b>		
Reverse Impact	AS/NZS 2728:2013 (App. E)	≥ 10 Joule
T- Bend	AS/NZS 2728:2013 (App. F)	Maximum 6T
<b>Specular Gloss</b>		
60° Meter	AS/NZS 1580.602.2 ASTM D523-14	Nominal ± 10 units
<b>Painted Film Hardness</b>		
Scratch Resistance	AS 2331.4.7	Needle carrying 1500g. No marking evident
Solvent Resistance	ASTM D5402-15	Exceeds 50 double rubs
<b>Resistance to Corrosion</b>		
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: ≤ 3 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
<b>Resistance to Humidity</b>		
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
<b>Resistance to Colour Change</b>		
QUV (2000 hours)	ASTM G154 ASTM D2244 (Colour)	Δ E Hunterlab: Light colour: < 2 units Pastel colour: < 4 units Dark Colours: < 5 units
<b>Resistance to Chalking</b>		
QUV (2000 hours)	ASTM G154 AS/NZS 1580.481.1.11	Light colour: ≤ 2 units Pastel colour: ≤ 1 units Dark Colours: ≤ 0 units
<b>Resistance to Fire</b>		
Exposure	AS/NZS 1530.3	Ignitability Index: 0 rating in scale of 0-20 Smoke Developed Index: 0-2 rating in scale of 0-10
<b>Compliance with Drinking Water</b>		
Exposure	AS/NZS 4020	Passed at an exposure of 15000mm <sup>2</sup> per litre

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