

Data Sheet

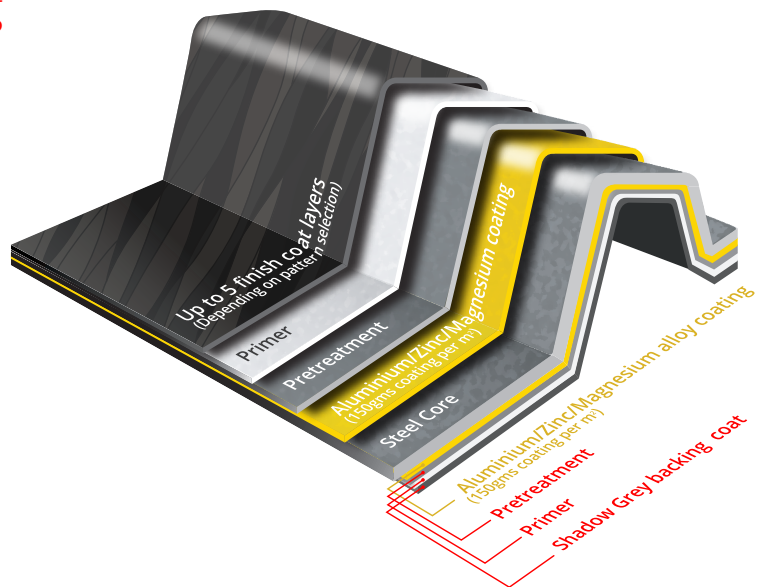
UniCote® LUX



Experience the unrivalled feeling of luxury with UniCote® LUX pre-painted patterned steel.

Description

A highly durable product, offering stunning aesthetics for exterior and interior use. UniCote® LUX is the future in Australian pre-painted steel. **Conforms to AS/NZS 2728:2013**



Substrate	Hot-dipped Zinc/Aluminium/Magnesium alloy coated steel coil. Alloy coating weight; 150gms/m ²
Pre-treatment	Corrosion resistant chromate conversion coating.
Primer coat	A flexible corrosion resistant chromated primer. Nominal film thickness 7µms ± 1µms on the top side and 5µms ± 1µms (reverse).
Finish coat	Polyvinylidene Fluoride (PVDF). Nominal film thickness 35µms ± 8µms.
Protective film	Available on request.
Backing coat	Grey wash coat. Nominal thickness is 5µms ± 1µms.

Recommended end uses

UniCote® LUX is suitable for exterior and interior uses in ISO 9223:2012 Environmental Categories 1-3 for: Roofing, Cladding, Flashings, Internal Applications, Garage Doors and Accessories.

For more information visit us at www.selection.com.au - www.unicote.com.au
If you have any queries contact Selection Steel on 03 9799 6111

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Product Attributes

Property	Test Method	Requirements
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	Nominal ± 10 units
Painted Film Hardness		
Scratch Resistance	AS2331.4.7	≥ 1500g
Solvent Resistance	ASTM D5402-15	50 Double rubs
Resistance to Corrosion		
Salt Spray (1000 hours)	AS/NZS 2728:2013	Blister density ≤ 2
	AS/NZS 1580.481.1.9 (Blisters)	Blister size ≤ 3
	AS 1580.408.4 (Adhesion)	Undercut from score ≤ 2mm No loss of adhesion. No corrosion
Cyclic Corrosion Test (2000 hours)	AS/NZS 2728:2013	Blister density ≤ 2
		Blister size ≤ 2
		Undercut from score ≤ 1mm
		No loss of adhesion. No corrosion
Resistance to Humidity		
Cleveland (500 hours)	ASTM D4545 AS/NZS 1580.481.1.9 (Blisters)	Blister density ≤ 2
		Blister size ≤ 3
		No loss of adhesion. No corrosion
Resistance to Colour Change		
QUV (2000 hours)	ASTM G154	DE (HunterLab) Light <2, Pastel < 4, Dark < 5 (L.M.D)
Resistance to Chalking		
QUV (2000 hours)	ASTM G154 & ASTM D2244	Light ≤ 2, Patel ≤ 1, Dark ≤ 0 (L.M.D)
Resistance to Fire		
Exposure	AS/NZS 1530.3	Passed
Compliance with Drinking Water		
Exposure	AS/NZS 4020	Currently under test

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