



MAXIMISING ARCHITECTURAL CREATIVITY

Australia's fastest growing, nationally based, Independent Steel Distributor has partnered with one of the world's largest and most advanced pre-painted steel manufacturers to develop UniCote® LUX.

UniCote® LUX is a luxury pre-painted steel product designed to suit Australian high-end Architecture. Combining the world's best coil coating technology with rigorous testing to Australian Standards, it ensures superior performance in the harsh Australian environment.

UniCote® LUX architectural aesthetics go beyond simple building materials.



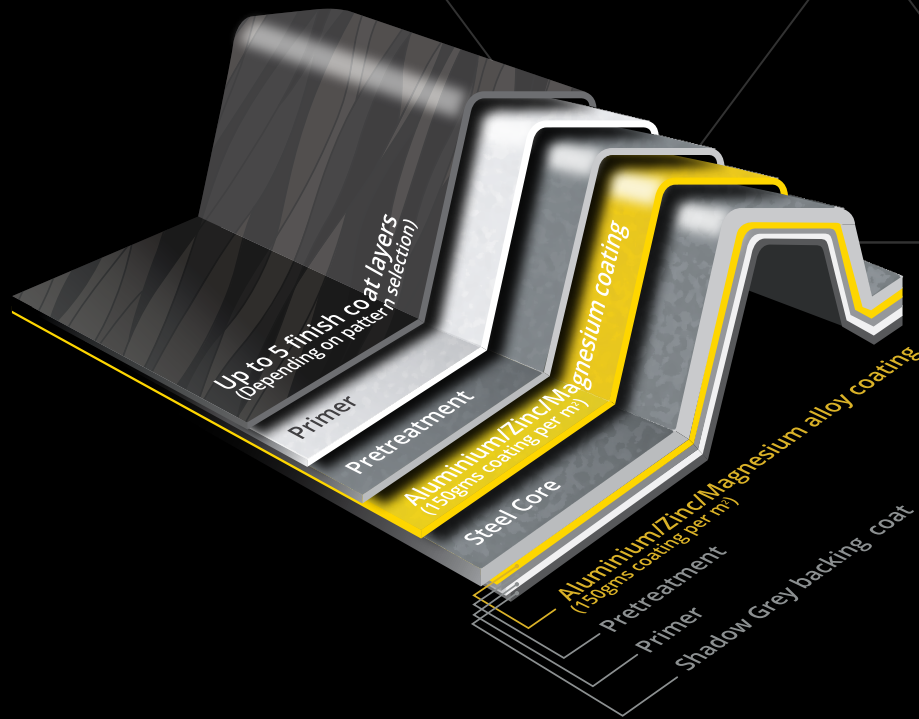
Leading global innovation
in pre-painted steel





A low-angle, upward-looking photograph of a modern building's exterior. The facade is composed of horizontal panels with a wood-grain texture, identified in the text as UNICOTE® LUX pre-painted steel. The panels are arranged in a staggered, overlapping pattern. A glass railing with a dark metal handrail runs diagonally across the lower left portion of the frame. The sky is a pale, overcast blue. The overall aesthetic is clean, modern, and architectural.

BE INSPIRED AND CHOOSE
FROM A UNIQUE PREMIUM
RANGE OF MODERN PATTERNED
AND TEXTURED STEEL
FINISHES. A HIGHLY DURABLE
PRODUCT, UNICOTE® LUX IS
THE FUTURE IN AUSTRALIAN
PRE-PAINTED STEEL DESIGN.



TECHNICAL

Independently laboratory tested to comply with the AS/NZS2728:2013 performance requirements. Suitable for ISO9223:2012. Atmospheric Classifications C1 – C3.

SUBSTRATE

Hot-dipped Aluminium/ Zinc/ Magnesium alloy coated steel coil. Manufactured to AS 1397:2011.

COATING

Standard pre-treatment chromate conversion coating, corrosion resistant primer, specifically formulated highly durable topcoat. Shadow Grey backing coat. Typical coating thickness ~ 35ums ± 8ums.

GLOSS

Standard gloss measurement techniques not applicable.

STRIPPABLE FILM

Products are supplied with a removable protective film. This material has a relatively short lifespan when exposed to sunlight and weather. It should be removed either just before, or immediately after installation.

UNICOTE® LUX PERFORMANCE TESTING



FIRE RESISTANCE

Meets the requirements of AS/NZS 1530.3
Methods for Fire Tests on Building Materials.



SCRATCH RESISTANCE

No marking of paint surface when tested in
accordance with AS2331.4.7, with no less than
1.5kg weight applied to the test piece.



QUV RESISTANCE [DURABILITY OF COATING SYSTEM]

Meets the requirements of AS/NZS2728:2013
Section 2.8 and Table 2.4. Note: Tests are
conducted on a flat panel.



BEND TEST

No loss of adhesion or paint cracking when
bent around a diameter equal to five times
the thickness of the sheet AS/NZS2728:2013
section 2.6.1 and Appendix F.



IMPACT RESISTANCE

No loss of paint adhesion after a test piece
is struck on the reverse side with a specified
force of 10J, in line with the test methodology
AS/NZS2728:2013 Table 2.2 and Appendix E.



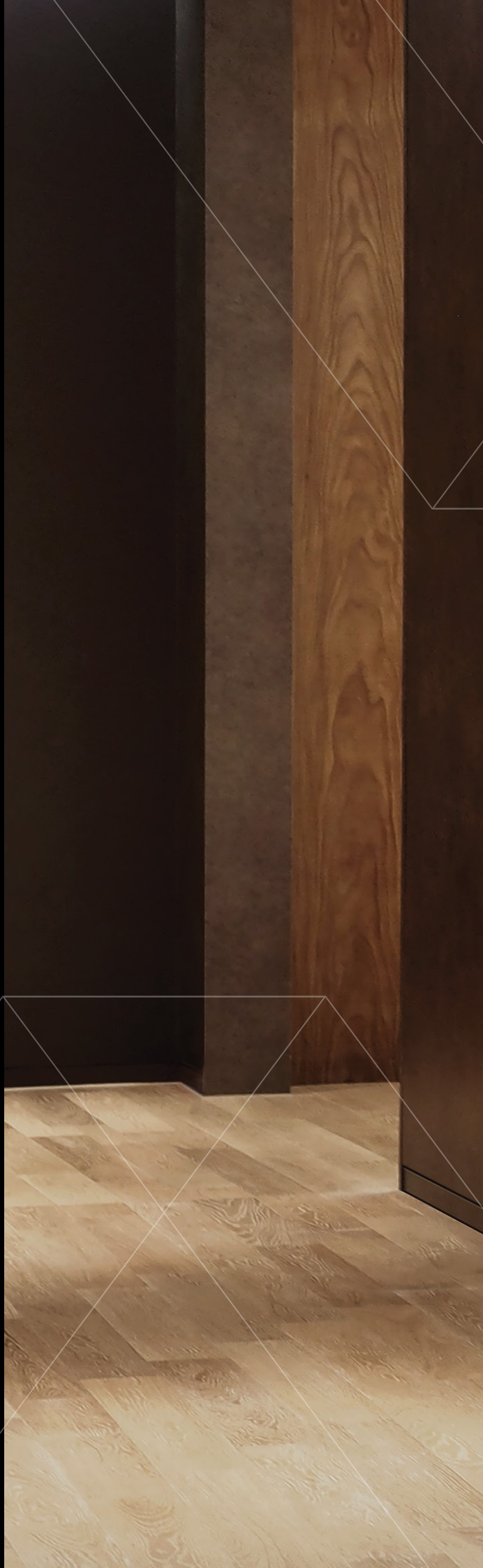
HUMIDITY RESISTANCE

Humidity resistance - Meets the requirements
of AS/NZS2728:2013 Sections 2.8 and 2.9.



SALT SPRAY

Meets the requirements of AS/NZS2728:2013
Sections 2.8 and 2.10.



INNOVATIVE DESIGN

Unicote® LUX utilises hot-dipped Aluminium/Zinc/Magnesium alloy coated substrate, combined with state of the art organic coating systems. The result is an extremely durable, patterned paint system, providing superior colour and gloss retention relative to standard paint systems, and built to resist UV damage from Australia's harsh sun.

AREA	APPLICATIONS	WARRANTED PERIOD	
		PERFORATION	PEEL & FLAKE
Commercial, Light Industrial & Residential	Roofing & Walling 0- 400m	Upon Application	Upon Application
Commercial, Light Industrial & Residential	Roofing & Walling 400m- 1000m	Up to 20 years	Up to 15 years
Commercial, Light Industrial & Residential	Roofing & Walling > 1000m	Up to 25 years	Up to 20 years
Commercial, Light Industrial & Residential	Rainwater Goods > 1000m	Up to 12 years	Up to 12 years

PERFORMANCE

OUTDOOR DURABILITY

UniCote® LUX, under normal well washed conditions of exposure, can be expected to show no cracking [other than that which may occur during forming], flaking or peeling of the paint film for 20 years from the date of installation.

Colour change during service will depend on the pattern chosen, aspect, design of the structure and the environment. A maximum chalk rating of 4 is expected after 10 years exposure, when measured in accordance with AS/NZS1580.481.1.11:1998. [Subject to minimum requirements].

RECOMMENDED END USES

UniCote® LUX has excellent colour and gloss retention, and is suitable for exterior environments where corrosion levels are moderate - this includes roofing, cladding, facades and rainwater goods. UniCote® LUX is also ideal for interior uses.

For advice around coil handling and storage, touch up paint, dissimilar metals and unwashed areas, please refer to our website.

