



LIFETIME SOLUTIONS

You can trust your roof to us



223 ROOF (7663)



www.lifetimesolutionstt.com

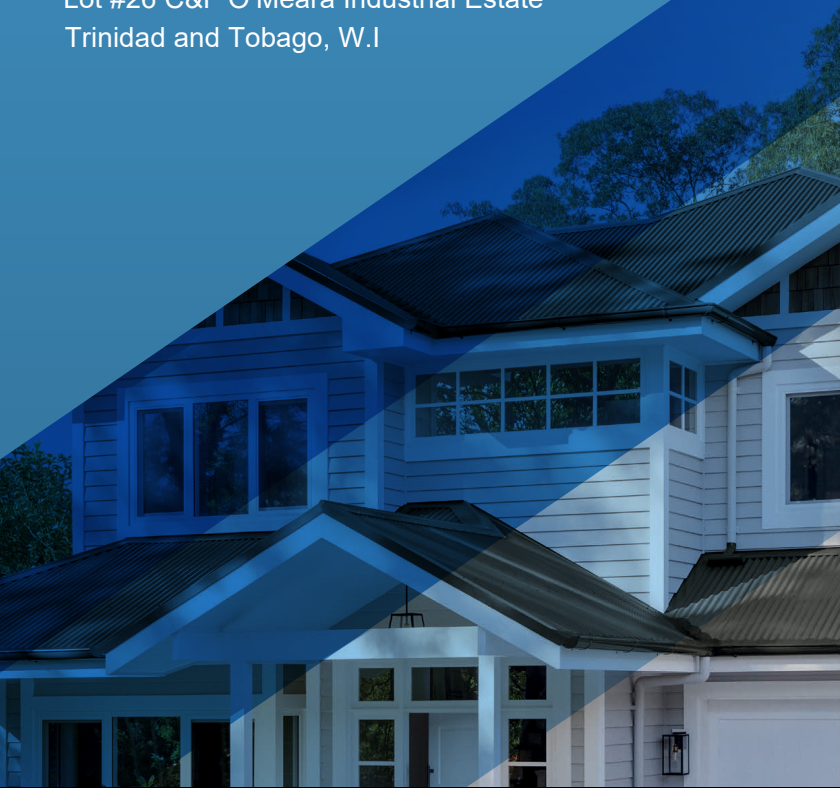


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BLUESCOPE COLORBOND® XRW

for Roofing and Cladding



General description

BlueScope COLORBOND® steel for roofing and walling (XRW) has been specifically designed by BlueScope to provide a highly durable roofing and wall cladding pre-painted product for general use.

Typical uses

Roofing and accessories, wall cladding, rainwater goods. To determine if warranties apply or for material selection advice, please visit lifetimesolutionstt.com.

Australian and International standards

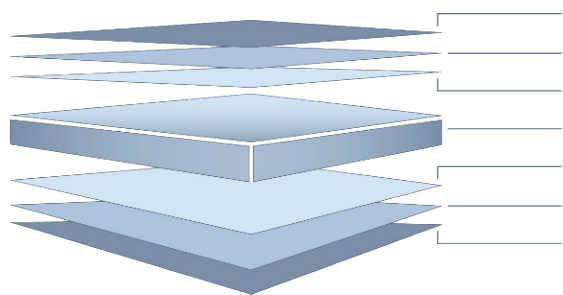
Substrate - AS 1397:2021 / Zincalume 150g/mm

Paint Coating - AS/NZS 2728:2013 Type 4

ISO 9001:2015 Quality System certified

Warranty

20 year – conditions and limitations apply as per manufacturer's warranty.



Finish Coat (Finish Coat + Primer = nominal 25µm) BlueScope Colourbond XRW
 Universal Corrosion Inhibitive Primer
 Conversion Coating
 Aluminium / Zinc / Magnesium alloy-coated steel with Activate® technology substrate
 Conversion Coating
 Universal Corrosion Inhibitive Primer
 Backing Coat (Backing Coat + Primer = nominal 10µm total) {Refer Note 6}

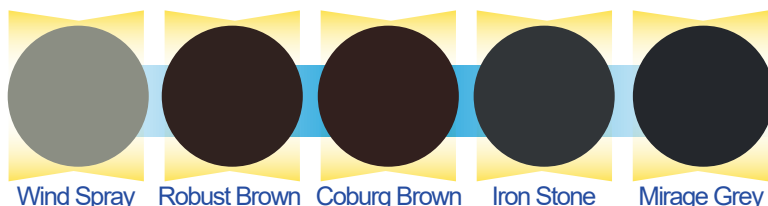
Attributes tested during manufacture

Property	Test & Evaluation Method(s)	Results
Adhesion		
Reverse impact	AS/NZS 2728:2013 (App. E)	≥10 joules
T-bend	AS/NZS 2728:2013 (App. F)	Maximum 6T. Refer Note 7.
Specular gloss		
60° meter	AS/NZS 1580.602.2:1995 (R2013); ASTM D523-14 (2018)	Classic finish nominal ± 10 units; Matt finish nominal ± 3 units

Product attributes

Property	Test & Evaluation Method(s)	Results
Flexibility		
T-bend	ASTM D4145-10 (2018)	Maximum 10T (no cracking). Refer Note 7.
Resistance to abrasion		
Scratch	AS 2331.4.7-2006 (R2017)	Typically 2000g
Hardness		
Pencil	AS/NZS 1580.405.1:1996 (R2013)	HB or harder
Adhesion		
Natural well washed exposure (10 years)	AS/NZS 1580.457.1:1996 (R2013) AS/NZS 1580.481.1.10:1998 (R2013)	No flaking or peeling. Refer Notes 9 & 10.
Resistance to humidity		
Cleveland (500 hours)	ASTM D4585/D4585M-18; AS/NZS 1580.481.1.9:1998 (R2013) (Blisters); AS 1580.408.4-2004 (R2019) (Adhesion)	Blister density: ≤3. Blister size: ≤S2. Undercut from score: ≤2mm. No loss of adhesion or corrosion of base metal.
Resistance to corrosion		
QFog (2000 hours)	AS/NZS 1580.481.1.9:1998 (R2013) (Blisters); AS 1580.408.4-2004 (R2019) (Adhesion), AS 1580.481.3-2002 (R2013) (Undercutting, Corrosion)	Blister density: ≤2. Blister size: ≤S2. Undercut from score: ≤1mm. No loss of adhesion or corrosion of base metal. Refer Note 2.
Resistance to colour change		
Natural well washed exposure (10 years)	AS/NZS 1580.457.1:1996 (R2013) & ASTM D2244-21 (Colour)	ΔE CIEDE2000: Light colour: ≤4 units; Intermediate colour: ≤6 units; Dark colour ≤10 units. Refer Notes 9 & 10.
QUV (2000 hours)	ASTM G154-16 & ASTM D2244-21 (Colour)	ΔE CIEDE2000: Intermediate colour ≤5 units
Resistance to chalking		
Natural well washed exposure (10 years)	AS/NZS 1580.457.1:1996 (R2013) & AS/NZS 1580.481.1.11:1998 (R2013) (Chalk Method B)	Chalk rating: ≤4. Refer Notes 9 & 10.
QUV (2000 hours)	ASTM G154-16 & AS/NZS 1580.481.1.11:1998 (R2013) (Chalk Method B)	Chalk rating: ≤4

26ga .50mm Colours Available



24ga .60mm Colours

