

## COLORBOND® Ultra steel for roofing & walling

### General description

COLORBOND® steel for roofing and walling has been specifically designed by BlueScope to provide a highly durable roofing and wall cladding prepainted product for general use.

### Typical uses

Roofing and accessories, wall cladding, rainwater goods.

### Australian and International standards

Substrate - AS 1397:2021

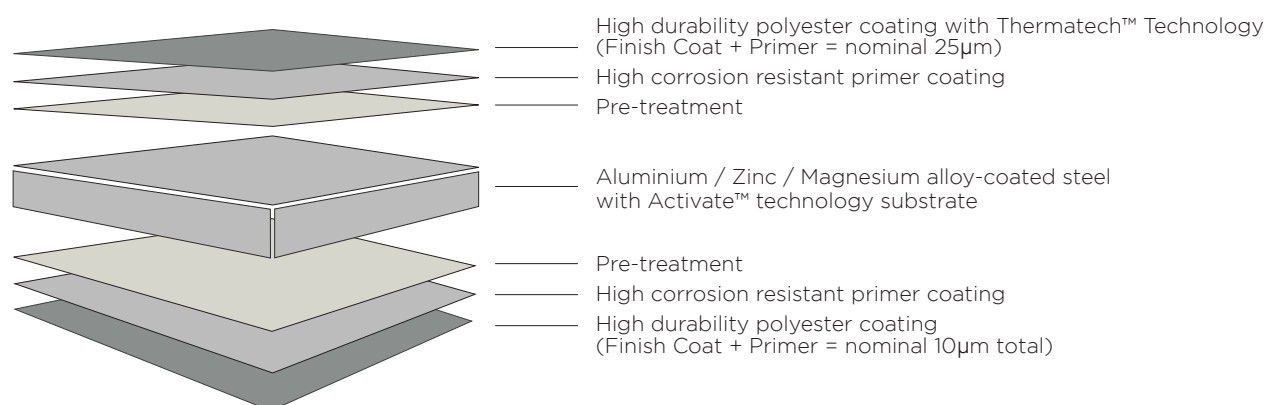
Paint Coating - AS/NZS 2728:2013 Type 4

ISO 9001:2015 Quality System certified

### Preferred substrates

AM150 G550 steel with Activate™ technology. AM150 G300 steel with Activate™ technology.

For substrate properties please refer to AS 1397:2021.



### Attributes tested during manufacture

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

## Product attributes

Property	Test & Evaluation Method(s)	Results
<b>Flexibility</b>		
T-bend	ASTM D4145-10 (2018)	Maximum 10T (no cracking)
<b>Resistance to abrasion</b>		
Scratch	AS 2331.4.7-2006 (R2017)	Typically 2000g
<b>Hardness</b>		
Pencil	AS/NZS 1580.405.1:1996 (R2013)	HB or harder
<b>Adhesion</b>		
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
<b>Resistance to humidity</b>		
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: $\leq 3$ . Blister size: $\leq S2$ . Undercut from score: $\leq 2$ mm. No loss of adhesion or corrosion of base metal
<b>Resistance to corrosion</b>		
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: $\leq 2$ . Blister size: $\leq S2$ . Undercut from score: $\leq 1$ mm. No loss of adhesion or corrosion of base metal
<b>Resistance to colour change</b>		
Natural well washed exposure (10 years)	AS/NZS 1580.457.1:1996 (R2013) & ASTM D2244-21 (Colour)	$\Delta E$ CIEDE2000: Light colour: $\leq 4$ units; Intermediate colour: $\leq 6$ units; Dark colour $\leq 10$ units
QUV (2000 hours)	ASTM G154-16 & ASTM D2244-21 (Colour)	$\Delta E$ CIEDE2000: Intermediate colour $\leq 5$ units
<b>Resistance to chalking</b>		
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: $\leq 4$
QUV (2000 hours)	ASTM G154-16 & AS/NZS 1580.481.1.11:1998 (R2013) (Chalk Method B)	Chalk rating: $\leq 4$

For more information about COLORBOND® steel email [info@colorbondpacific.com](mailto:info@colorbondpacific.com) or visit [colorbondpacific.com](http://colorbondpacific.com)

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