

PRE-PAINTED COATED STEEL

Clean COLORBOND® Ultra steel



COLORBOND® Ultra prepainted steel, developed by BlueScope Steel Limited, combines long term durability and exceptional corrosion resistance. An excellent solution for exterior building profiles in applications requiring excellent corrosion resistance. Suited to moderately severe marine and industrial environments (typically 100-200m from the source of the severe environment).

Baja lapis COLORBOND® Ultra yang dikembangkan oleh BlueScope Steel Limited, menggabungkan ketahanan jangka panjang dengan ketahanan terhadap korosi yang istimewa. Solusi terbaik untuk aplikasi eksterior bangunan yang membutuhkan ketahanan tinggi terhadap korosi. Cocok untuk kawasan industri dan area dengan kadar garam tinggi (berjarak kurang lebih 100-200m dari lingkungan dengan tingkat korosi tinggi)

A PERFECT COMBINATION OF STRENGTH AND BEAUTY



DESIGN FLEXIBILITY



HI-TECH PRODUCTION



DURABILITY/ SECURITY



RECYCLING



THERMAL EFFICIENCY



WARRANTY



COLOUR CHOICES



WHEN YOU NEED TO BE BEAUTIFULLY PROTECTED

GENERAL DESCRIPTION

Clean COLORBOND® Ultra prepainted steel, specifically designed by BlueScope Steel, combines long term durability and exceptional corrosion resistance.
Its substrate conforms to Australian Standard AS1397 whilst its paint coating conforms to AS/NZS 2728:1997 Type 3-4

METAL COATING

Nominal Coating Mass (gr/sqm) : 200 gr/sqm both surfaces
Approximate Coating Thickness (micron) : 40 micron

TYPICAL USES

Exterior building profiles in applications requiring excellent corrosion resistance. Suited to moderately severe marine and industrial environments (typically 100-200m from the source of the severe environment).

TYPICAL CHEMICAL COMPOSITION (%) OF STEEL BASE

	G550	G300
Carbon (C)	0.035 - 0.070	0.035 - 0.070
Phosphorus (P)	0.000 - 0.020	0.000 - 0.020
Manganese (Mn)	0.100 - 0.300	0.100 - 0.300
Sulphur (S)	0.000 - 0.020	0.000 - 0.020
Silicon (Si)	0.000 - 0.020	0.000 - 0.020
Aluminum (Al)	0.020 - 0.070	0.020 - 0.070
Nitrogen (N)	0.000 - 0.008	0.000 - 0.008

TYPICAL PROPERTIES

Substrate : ZINCALUME® Ultra Steel
Coating Class : AZ 200
Surface Conditions : Painted
Bore Diameter : 508 mm ± 10 mm
Branding : Yes

STANDARDS

AS 1397, AS 2728:1997 TYPE 3-4

NON-STANDARD PRODUCTS

CLASSIFICATION	BMT (mm)	WIDTH (mm)	COLOUR
Non-Standard Product 1	0.25 - 0.80	Standard Width	BSI Available Colours
Non Standard Product 2	0.25 - 0.80	Odd Width	New Colour

Note:
Common BMT (mm): 914, 940, 1100, 1170, 1219
Odd Width are all other width defined in the Commercial Availability Table

STEEL BASE (GUARANTEED) LONGITUDINAL TENSILE

MECHANICAL PROPERTIES	GUARANTEED	
	G550	G300
Yield Strength (Mpa)	-	min 300
Tensile Strength (Mpa)	min 550	min 340
Elongation on 50mm (% El.)	min 2	min 20
180° transverse bend (L axis)	-	1 t

PRODUCT PERFORMANCES

Resistance To Alkaline : No Discoloration And No Blistering (ASTM D1308)
Resistance To Acids : No Discoloration And No Blistering (ASTM D1308)
Scratch Resistance : Good
Impact Resistance : ≥10 Joules (AS2728)
Pencil Hardness : HB Or Harder (AS1580)
Flexibility : 8t Or Less, No Cracking (AS2935)
Resistance To Heat : ASTM D2244 Colour Change Δe Hunterlab: ≤3units (100°C Continuous Exposure)

STANDARD PRODUCTS

BMT (mm)	WIDTH RANGE (mm)	
	G550	G300
0.25	914, 1219	-
0.30	914, 1219	914, 1219
0.35	914, 940, 1100, 1219	914, 940, 1100, 1219
0.40	914, 940, 1219	914, 940, 1219
0.45	914, 1170, 1219	914, 1170, 1219

STANDARD COLOURS:

TOP COAT:

Mintsea Green, Shale Grey, Sonata Blue, Pale Eucalypt, Surfemist, Angsana Stone, Coral Blue, Windspray, Cottage Green, Manor Red

REVERSE COAT:

Bass Grey

COATING DESCRIPTIONS

Pretreatment : Corrosion resistant proprietary conversion coating
Topside Primer Coat : Universal corrosion inhibitive primer. Nominal thickness 5 micron.
Finish Coat : Custom Formulated System. Nominal Film Thickness 20 micron on the top or weather side. The finish coat can, if required be applied to both sides to provide double-sided product.
Backer Prime Coat : Custom Formulated Bass Grey. Nominal Film Thickness 10 micron.

For product identification and originality, please check the following brand along the edge of the coil reverse side:

"Clean COLORBOND® Ultra steel made by BlueScope Steel 22:10 05:06:04 08"

Bass Grey



Please ensure you have the current data sheet for this product

PT BlueScope Steel Indonesia

SALES & MARKETING OFFICES:

JAKARTA:

BRI II Building 9th Floor Suite 902, Jl. Jend. Sudirman Kav. 42-46 JAKARTA 10210

Phone: (021) 5785-4150, Fax: (021) 5785-4151

SURABAYA:

Plaza BRI Level 5 Suite 507A, Jl. Basuki Rahmat 122 SURABAYA 60271

Phone: (031) 532-0525, 532-0259, Fax: (031) 532-0711

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