

## Prepainted - PP

### GENERAL DESCRIPTION

Prima® Prepainted steel, specifically designed by BlueScope to provide a cost-effective for interior-exterior roofing and wall cladding material for general and panel use.

### TYPICAL USES

General exterior architectural uses, for example wall cladding, roofing, and rainwater good and exterior – interior for panel use. To determine if warranties apply or for material selection advice, please contact your nearest BlueScope sales office.

### AUSTRALIAN STANDARD

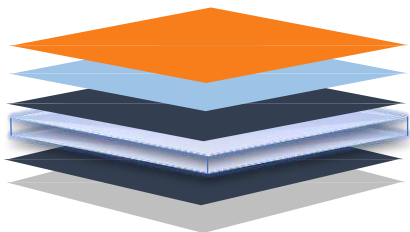
Substrate - AS 1397  
Paint Coating - AS/NZS 2728 Type 3-4

### THAI INDUSTRIAL STANDARD

Substrate – TIS 2228-2559  
Paint Coating – TIS 2753-2559

### PRODUCT INFORMATION

<b>PREFERRED SUBSTRATE</b>	55% Al/Zn G550 AZ150 steel (Aluminium/Zinc alloy-coated steel)
	55% Al/Zn G300 AZ150 steel (Aluminium/Zinc alloy-coated steel)
<b>PRETREATMENT</b>	Corrosion resistant proprietary conversion coating.
<b>PRIMER COAT</b>	Universal corrosion inhibitive primer. Nominal dry film thickness 5µm on the top.
<b>FINISH COAT</b>	Custom formulated polyester paint system with high performance pigments. Nominal dry film thickness 15µm on the top.
<b>BACKING COAT</b>	Custom formulated Sage Grey EX. Nominal dry film thickness 5µm.
<b>COLOR</b>	A range of standard colors is available, Not allow for color matching



- ← Finishing Coat (Nominal 15µm)
- ← Universal Corrosion Inhibitive Primer 5µm
- ← Conversion Coating
- ← **55% Aluminium/Zinc Alloy Coated Steel Substrate AZ150**
- ← Conversion Coating
- ← Backing Coat Epoxy (Sage Grey EX , Norminal 5µm)

### DIMENSIONAL CAPABILITIES

55% Al/Zn G550 AZ150 STEEL		55% Al/Zn G300 AZ150 STEEL	
PREFERRED BASE METAL THICKNESS(mm)	WIDTH (mm)	PREFERRED BASE METAL THICKNESS(mm)	WIDTH (mm)
0.35, 0.40, 0.42, 0.45	914, 940, 1219	0.35, 0.40, 0.42, 0.45	914, 940, 1219

- These dimensions are a reflection of technical capability to produce. Any other sizes may be available on request
- The dimensional tolerances for thickness, width flatness and camber shall be in accordance with the requirements of AS/NS1365
- Supply conditions may be subject to dimensional restrictions and is subject to BlueScope Sales and Marketing confirmation.
- Slitting and shearing available on request from BlueScope Sales Offices. For requirements outside product range please contact your local Sales Office.

## NS BLUESCOPE (THAILAND) LIMITED

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Please ensure you have the current data sheet for this product as displayed at [www.nsbluescope.com](http://www.nsbluescope.com)

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### ATTRIBUTES TESTED DURING MANUFACTURE

PROPERTY	TEST & EVALUATION METHOD (S)	RESULTS
<b>Specula Gloss</b>		
60° meter	AS/NZS 1580.602.2; ASTM D523	Nominal 25 ± 10 units
<b>Adhesion</b>		
Reverse Impact	AS/NZS 2728 (Appendix E)	≥ 10 joules
T-bend	AS/NZS 2728 (Appendix F)	Maximum 5T. Refer Note 7
<b>Hardness</b>		
Pencil	AS 1580.405.1	HB or harder

### IMPORTANT INFORMATION

- All warranties for a product, if any, are subject to eligibility. Terms and conditions apply. Nothing in this document is intended by BlueScope to extend, modify or otherwise affect any stated product warranty. To find out more, please contact your nearest BlueScope sales office.
- If it is intended to use Prima® in an exterior application within 1km of salt marine locations, severe industrial or abnormally corrosive environments; in areas not washed by rain, or in applications where it will be wholly or partly buried in the ground, please contact your nearest BlueScope sales office for specialized advice. For selection of the most appropriate Prima® product, please refer to Technical Bulletins TB1a, TB1b, CTB16, CTB21, and CTB22.
- Customers should use product promptly (within 6 months) to avoid the possibility of storage related corrosion.
- Finish Coat – the coating applied to the exposed surface of the prepainted coil which is expected to meet the Performance Requirements.
- The product is supplied with a nominal 25 unit (60°) gloss Finish Coat.
- Backing Coat – a thin coating applied to the reverse surface of the prepainted coil. It also gives additional durability to the reverse surface during the service life of the product, but for aesthetic reasons is not recommended for exposure to sunlight. Performance Requirements are generally not applicable to backing coats. Where specific Performance Requirements are deemed necessary for the reverse surface coating,
- The minimum internal bend diameters for forming processes to achieve no paint cracking (visible using x 10 magnification) and to avoid paint adhesion issues are specified by the T-bend flexibility and T-bend adhesion results respectively – where 1T equals the Total Coated Thickness (TCT) in mm of the material. These results are based on testing at 20-25°C.
- For most products, the metallurgical ageing process which is inherent in the paint stoving cycle will result in some loss of ductility compared with unpainted product. However, minimum strength levels designated by relevant standards will still be applicable.
- Improper storage or use of non-approved roll-forming lubricants may cause brand transfer and paint blushing and may adversely affect color and long-term durability. Product in coil or sheet pack form must be kept dry. If the coil or sheet pack becomes wet, it must be separated and dried (refer AS/NZS2728 Appendix L, and also Technical Bulletin TB7). Contact nearest BlueScope sales office on appropriate roll-forming lubricants.
- Values quoted are for panels exposed in accordance with AS/NZS2728. Variations for in-situ performance may occur due to complexity of building design and location.
- Prima® has good resistance to accidental spillage of solvents such as methylated spirits, white spirit, mineral turpentine, toluene, and trichloroethylene and dilute mineral acids and alkalis. However, all spillages should be immediately removed by water washing and drying.

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