

## Prepainted - PP

### GENERAL DESCRIPTION

PP Panel SD prepainted steel, specifically designed by BlueScope for the internal wall cladding and ceiling. The product offers excellent formability coupled with good durability.

### TYPICAL USES

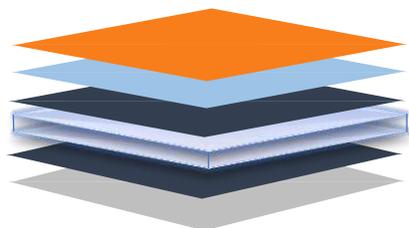
Structural surfaces such as wall and ceiling. To determine if warranties apply or for material selection advice, please contact your nearest BlueScope sales office.

### AUSTRALIAN STANDARD

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

### PRODUCT INFORMATION

|                     |                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PREFERRED SUBSTRATE | Zinc-11% Al-3% Mg G300 ZM120 steel (Zinc/Aluminium/Magnesium alloy-coated steel)                                                                                                        |
|                     | Zinc-11% Al-3% Mg G250 ZM120 steel (Zinc/Aluminium/Magnesium alloy-coated steel)                                                                                                        |
| PRETREATMENT        | Corrosion resistant proprietary conversion coating                                                                                                                                      |
| PRIMER COAT         | Universal corrosion inhibitive primer. Nominal dry film thickness 5µm top side                                                                                                          |
| FINISH COAT         | Custom formulated polyester paint system with high performance pigments. Nominal dry film thickness 15 µm on the top or weather side.                                                   |
| BACKING COAT        | Custom formulated Foam Grey EX. Nominal dry film thickness 5µm                                                                                                                          |
| COLOR               | A range of standard colors is available. Other specifically required colors may be available on request. Only available in Milky White and Aspen comply to Food grade (USDA) standard.. |



- ← Finish Coat Food grade (USDA) (Nominal 15 µm)
- ← Universal Corrosion Inhibitive Primer 5µm
- ← Conversion Coating
- ← **Zinc-11% Aluminium-3% Magnesium Alloy Coated Steel Substrate ZM120**
- ← Conversion Coating
- ← Backing Coat Foam Grey EX (Nominal 5µm)

### DIMENSIONAL CAPABILITIES

| Zn-11% Al-3% Mg G300 ZM120 STEEL   |                    | Zn-11% Al-3% Mg G250 ZM120 STEEL   |                    |
|------------------------------------|--------------------|------------------------------------|--------------------|
| PREFERRED BASE METAL THICKNESS(mm) | MAXIMUM WIDTH (mm) | PREFERRED BASE METAL THICKNESS(mm) | MAXIMUM WIDTH (mm) |
| 0.30 – 0.70                        | 1265               | 0.30 – 0.70                        | 1265               |

**Note:**

- 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

188 Spring Tower 14th floor Unit no. 1 – 5, Phayathai Road, Tung Phayathai Subdistrict, Ratchathewi District, Bangkok 10400 Tel: +662 333 3000

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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

1. 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.
2. Customers should use product promptly (within 6 months) to avoid the possibility of storage related corrosion.
3. The product is supplied with a nominal 25 unit (60°) gloss Finish Coat.
4. 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.
5. 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.
6. 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.
7. 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.

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