

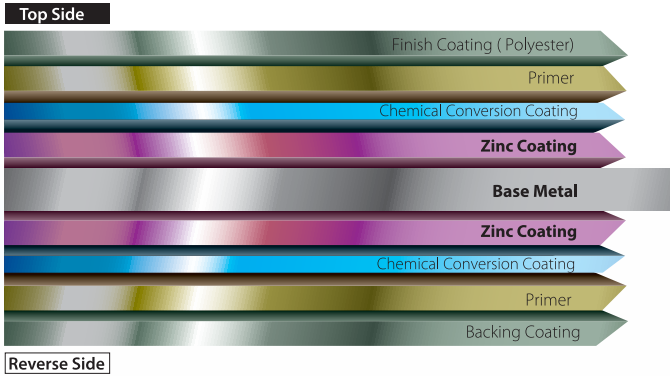
**Prismatically Versatile**

**ColourMaxx<sup>®</sup>**  
Your Smart Selection

**Prisma** SERIES

A reliable and affordable series of prepainted Galvanised Iron (GalMaxx®) steel with polyester (PE) paint coating that able to provide good performance to interior and exterior application under residential and mild urban environment.

**Prisma** SERIES | Coating System



- A reliable weathering performance coating system that suitable for exterior and interior applications.
- Wide range of attractive colours for selection to suit individual tastes and preferences.
- Optimized 99.7% zinc coating Galvanised Iron (GalMaxx®) substrate for good formability, corrosion performance and cut-edge resistance.
- **Assured Quality And Warranty**  
ColourMaxx Prisma steel comes with a product warranty up to period of :

**10 years warranty\*** against metal perforation by natural weathering  
**5 years warranty\*** against peeling, fading and chalking

\* Terms & conditions apply

\* Applicable to 0.35(BMT) and above with Z120 coating mass

**Material Specifications** MS 2383

<b>Available Thickness</b>	: min 0.156mm up to 1.20mm (BMT)
<b>Coating Weight</b>	: Z080 - Z120 (min 80g/m <sup>2</sup> - 120g/m <sup>2</sup> )
<b>DFT</b>	: 20 µm on topside 12 µm on reverse side

**Recommended end use:** Under mild environment, more than 1km from coastal line

\*Product warranty terms & conditions apply

**Technical Information**

Testing Specification	Standards	Material Performance
Salt Spray Resistance	ASTM B117	500 hours – Corrosion, blisters and loss of adhesion less than 2mm from scribe.
Resistance to Humidity	ASTM D4585	500 hours no loss of adhesion
QUV-A	ASTM G154	1000 hours – Gloss retention greater than 20%. Average colour change ΔE ≤ 2 units
T-Bend	ASTM D4145	Max 4T No Tape Off; Typically 2T No Tape Off
Reverse Impact	ASTM D2794	≥ 10 Joules No crack, No Tape Off
Cross Hatch	ASTM D3359	100% no tape off
Erichsen Cupping		
Pencil Hardness (Mitsubishi Uni)	ASTM D3363	Min 2H
Solvent Resistance	ASTM D5402	MEK > 100 Double Rubs

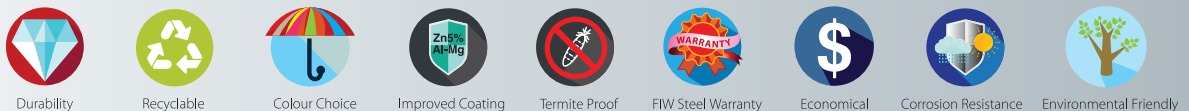
**Mechanical Properties**

Grade	Yield Strength (MPa) Min Guarantee	Yield Strength (MPa) Typical	Elongation (% min)
G550	550	600 - 760	-
G300	300	300 - 400	15
G250	250	270 - 380	18

*Other grades are available upon request.*



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The technical information contained in this brochure is only intended to provide indicative performance of the product. All the information provided herein is given with our best of knowledge true and accurate based on carefully made test on laboratory and field tested results. However, no guarantee of results is implied since condition of use is beyond our control. Therefore, this is not a statement of warranty. The contents are subject to change without prior notice, for up-to-date information, please contact the department concerned.