



## **PRECOATED SHEET STEEL FOR INTERIOR LINER PANELS**

### Background

Precoated steel is widely used as cladding panels for roofing and siding, servicing a variety of building applications. However, when a double skin wall or roof design is used, the same prepainted product system is often specified for both the interior and exterior wall panels even though the service requirements are quite different.

To give customers better choice, ArcelorMittal has designed an economical precoated sheet steel product for liner panels that has properties tailored to meet a building's interior requirements for corrosion and aesthetics.

### Material Specification

The sheet steel is produced by the hot dip galvanizing process according to either ASTM A653 with a Z120 (G40) coating weight or ASTM A792 Galvalume with an equivalent or greater coating weight. The steel substrate is available in Grades 230MPa (33 ksi) or 550MPa (80 ksi) for coated steel thicknesses from 0.30 mm (0.012 inches) minimum.

The precoated paint system consists of an interior polyester available in white (QC5712 – Liner White), with a washcoat on the reverse side. The back side of the sheet will be stenciled as “Interior Use Only” to identify the product and prevent the panel from being used in applications that it is not intended to service (exterior exposure). Other paint systems are also available if QC 5712 is not the colour of choice.

### Intended Use

ArcelorMittal Precoated steel for liner panels is designed to be used for interior panels in non-corrosive applications where the paint requirements are for aesthetics (light reflection) and the liner panel is used as a vapour barrier in a double skin wall assembly. Typical environments and applications may include:

1. Climate controlled warehouse and equipment storage facilities that do not contain oxidizing agents.
2. Manufacturing process buildings that do not increase the ambient relative humidity or corrosivity due to its processing equipment.

### Restrictions and Cautions

Although the precoated steel will be processed according to ASTM and paint suppliers' specifications, claims will not be accepted if the product is misapplied.

This product **must not be used** in applications or environments that are deemed corrosive, including but not restricted to animal confinement, exterior applications, exposure to acids, alkali, salts, strong solvents or conditions of condensation and oxidizing gases. For clarification or assistance regarding the application of this product, contact your Technical Service Manager at ArcelorMittal 1-800-363-2726