

Stelcolour Metallic and Elite Series™



U. S. Steel Canada
A Subsidiary of United States Steel

Paint the Landscape with Dramatic Colour!

Stelcolour Metallic and Elite Series™ offer the excitement of spectacular colours plus the durability the building industry has come to expect from prefinished Stelcolour Series systems. With high visual impact and the best ultraviolet stability in its class, the bright bold colours of the Elite Series and the shimmery metallic luster of the Metallic Series are bound to make a lasting impression.

Outstanding Colour, Proven Durability

Stelcolour Metallic and Elite Series achieve their characteristic dramatic colours thanks to a four-layer structure of primer, base coat, colour coat and clear topcoat. The three coats over the primer are polyvinylidene fluoride paints that contain at least 70 percent Kynar 500™ or Hylar 5000™ fluoropolymer resins. These resins are both noted for exceptional ultraviolet (UV) stability and chalk resistance. They are the same resins that have been proving themselves in our 10000 Series for the last 35 years. The Metallic and Elite Series have the added advantage of intermediate barrier protection. With double the film thickness of most other thin film paint systems, these top-of-the-line Stelcolour products are very corrosion resistant, and able to perform well even in protected exposures with high times of wetness. These systems are also particularly resistant to common urban pollutants like acid rain and windborne particulates.

JUST THE FACTS ON...

Stelcolour Metallic and Elite Series

- Four-layer system with 3 PVF₂ coatings (based on Kynar 500™ and Hylar 5000™ fluoro-polymer resins) over a corrosion resistant primer
- For prestigious architectural, commercial, institutional and light industrial applications
- Incredible depth and vibrancy of colour
- Outstanding colour stability and chalk resistance
- Very good corrosion resistance, even in protected exposures
- Highly resistant to pollutants found in urban environments
- Metallic and Elite Series are both available in a variety of standard and customized colours



Quality Processes for Quality Products

The incredible depth and colour vibrancy of these systems are only possible with a four-layer system. The ISO-certified quality manufacturing process begins with U. S. Steel Canada's premium steel, hot dipped galvanized for extra corrosion protection. The surface is then prepared with a zinc phosphate chemical pretreatment, which provides excellent adhesion between substrate and primer. Next, a corrosion-resistant primer is applied to provide the optimum bond to the substrate, followed by a UV-opaque fluoropolymer base coat, which protects the primer from UV degradation. The fluoropolymer colour coat with lightfast pigments is then applied, giving our products their distinctive colour. Metallic Series also contains specially developed tarnish-resistant metalescent flakes for the metallic luster. Finally the coating is sealed with a clear fluoropolymer topcoat to provide added corrosion resistance and protect the colour layer from direct weathering.

15 Years of Experience

Metallic and Elite Series have been tested for over 15 years in both the laboratory and the field for performance. However, the most evident testaments to the systems' durability are the beautiful buildings across Canada that have used these Stelcolour products. Highly visible commercial, institutional and light industrial projects continue to benefit from the appearance and corrosion protection that these premier systems provide.



Hamilton Works
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