

MEGA P&C Coatings for Buildings, Bridges and Steel Structures

MEGA P&C has developed a series of protective coatings specifically designed for bridges and steel structures. Our products exhibit excellent corrosion resistance, outstanding chemical resistance, high hardness, and superior abrasion resistance. They can be applied on minimally prepared surfaces and feature low VOC content, complying with the latest national environmental standards. The main products of MEGA P&C coatings for buildings, bridges and steel structures are as follows:

Product Name	Product Type	Product Advantages
Solvent-based Primer	Epoxy Zinc-rich Primer	It uses a combination of small-molecule and medium-molecular-weight epoxy resins, with modified polyamide as the curing agent, ensuring excellent corrosion resistance of the paint film while maintaining good mechanical properties.
	Epoxy Zinc Phosphate Primer	It uses long-chain polyamide as the curing agent, combined with an appropriate amount of zinc phosphate anti-rust pigment, so that the paint film not only has good anti-corrosion performance, but also has good adhesion on inert substrates.
	Inorganic Zinc-rich Primer	It is made by the reaction of ethyl silicate hydrolysate and zinc powder. The paint film is not easy to crack, has excellent corrosion resistance, good weather resistance, and can withstand temperatures up to 400 degrees.
	Inorganic Zinc Silicate Shop Primer	It is made by the reaction of ethyl silicate hydrolysate and zinc powder. The paint film dries quickly, and a relatively low film thickness can provide long-term protection for steel materials.
Solvent-based Intermediate Coat	Epoxy Micaceous Iron Oxide Paint	It contains flake mica iron oxide, so the paint film has excellent compactness and outstanding corrosion resistance.
	Epoxy Thick Paste Paint	It uses a bifunctional active toughening agent that participates in the reaction, with modified polyamide as the curing agent, resulting in high cross-linking density and good toughness.



Solvent-based Topcoat	Polyurethane Topcoat	It is formulated with aliphatic polyisocyanate and hydroxyl acrylic resin curing systems, incorporating high-performance, UV-aging resistant pigments and UV absorbers, resulting in a coating film with exceptional gloss and color retention as well as high gloss stability.
	Fluorocarbon Topcoat	It uses polytetrafluoroethylene resin with high fluorine content, combined with ultraviolet absorbers, making the paint film have excellent weather resistance and high gloss.

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