



Powder Coat Hydrographic Electro Static Paint

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Environmental

The benefits of powder coating for consumers are simple: powder coating will make your purchase look better and last longer – not to mention its reduced environmental footprint!

Powder coating is already found on thousands of products that you come in contact with everyday. From bulldozers and chainsaws to your coffee machine and child's crib, powder coating protects the roughest, toughest machinery as well as the household parts that you depend on daily.

The powder coating process is environmentally friendly and virtually pollution-free! Unlike liquid paint, no solvents are used in powder coating. Therefore only negligible amounts of VOCs are released into the air. In addition, unused or over sprayed powder can be recovered, so any waste is minimal and can be disposed of easily and safely.

The result of choosing a powder coated product is that it will have the most attractive, durable, eco-friendly, high-quality finish available. Join the hand in improving our environment.

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Electro Static Painting

The principles of electrostatic charging apply equally to liquid and powder coatings. In electrostatic coating, the fluid is atomized, then negatively charged to the object, thus having a less negative charge than the paint. Increased transfer efficiency is achieved, up to 95%. For instance, it is possible to spray paint a cyclone fence electrostatically with fair transfer efficiency. Both sides of the fence can be painted from only one side due to the electrostatic attraction.

Powder Coating

Powder coating is different from painting. There are no liquids or solvents. Therefore, it is the ultimate coating for environmental friendliness. Being dry, the powder overspray can be reclaimed for very high application efficiency. It uses heat to convert its state from a powder to a continuous film. The powder coating materials are basically plastics that have been ground into a fine powder. The coating powder is formulated with plastic resins, pigments, flow agents and other special ingredients to provide the desired characteristics of the coating film.

Hydrographic

Hydrographic also known as immersion printing, water transfer printing, water transfer imaging, or cubic printing, is a method of applying printed designs to three-dimensional objects. The hydrographic process can be used on metal, plastic, glass, hard woods, and various other materials. A polyvinyl alcohol film is gravure-



Powder Coating

Electro Static Painting

Media Blasting

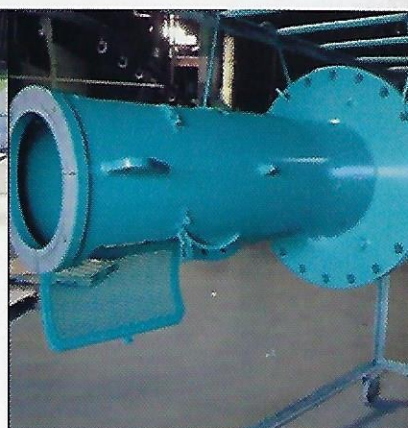
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