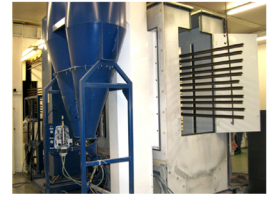


POWDER COATING 101

WHAT IS POWDER COATING?



Powder coating is an advanced method of applying a decorative and protective finish to a wide range of materials and products that are used by both industries and consumers.

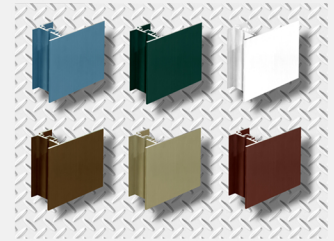


The powder used for the process is a mixture of finely ground particles of pigment and resin, which is sprayed onto a surface to be coated. The charged powder particles adhere to the electrically grounded surfaces until heated and fused into a smooth coating in a curing oven. The result is a uniform, durable, high-quality, and attractive finish. Powder coating is the fastest-growing finishing technology in North America, representing over 10% of all industrial finishing applications.

MORE DURABLE

Powder coating gives consumers, businesses, and industry one of the most economical, longest-lasting, and most color-durable quality finishes available.

Powder coated surfaces are more resistant to chipping, scratching, fading, and wearing than other finishes. Color selection is virtually unlimited with high and low gloss and colors stay bright and vibrant longer. Texture selections range from smooth surfaces to a wrinkled or matte finish, and rough textures designed for hiding surface imperfections.



PROTECTS THE ENVIRONMENT



Powder coating is also highly protective of our environment. While liquid finishes contain solvents which have pollutants known as volatile organic compounds (VOC's), powder coating contains no solvents thus, there is no longer a need for finishers to buy costly pollution control equipment. In addition, most powder coating over-spray that does not adhere to the part can be retrieved and reused, virtually eliminating the waste commonly found in liquid finishing processes.

SAVES MONEY

Elimination of VOC's and reduction of wastes saves money and helps companies comply more easily and economically with the regulations of the U.S. Environmental Protection Agency.

In fact, one of the major elements in expanding the market for powder coating has been the implementation over the past 30 years of stringent air pollution control legislation.

Powder coating is specified because of its durability, scratch resistance, gloss retention, weatherability, resistance to chalking, the unlimited range of colors, finishes, glosses and textures, the fact that it meets AAMA specifications and because it is an environmentally friendly finishing process, making it an important part of a sustainable or green building project that incorporates low-emitting products. Virtually any part and any product in your next project might lend itself to powder coating including metal, aluminum, composites, wood, plastic, glass and ceramic. Powder coating offers advantages over liquid paint, and anodizing.

***NOWHERE ELSE** are the benefits of architectural powder coating more evident than on the thousands of commercial, industrial, government, residential, historic and institutional buildings from around the world. For 30 years, powder coating has been the finish of choice for a superior, more colorful, longer lasting and more durable finish.*