

Master Coat®

Powder coating is a type of dry coating, which is applied as free-flowing dry powder. The main difference between conventional liquid paint and powder coating is that the powder coating does not require a solvent to keep the binder and filler parts in a liquid suspension form. The coating is applied electrostatically and is then cured under heat to allow the powder to harden and create the compact surface protective layer. There are several advantages of powder coating over conventional liquid coatings:

- Apart from the decorative function, powder coating remarkably improves the corrosion resistance, especially on carbon steel zinc plated surfaces
- Powder coatings can produce much thicker coatings than conventional liquid coatings, without running or sagging
- After hardening, the coating layer fulfils the requirements on colour lasting, gloss stability, UV resistance, as well as abrasion and impact resistance
- After hardening, the coating stays flexible and even absorbs significant expansion of the supporting surface, as well as its' bending or twisting
- Powder coated items generally have fewer appearance differences between horizontally coated surfaces and vertically coated surfaces, than liquid coated items
- Powder coating overspray can be recycled and thus it is possible to achieve nearly 100% use of the coating

Today Aztec is able to use its' machines for painting various types of fasteners, including hexagonal head, oval and low profile head as well as different types of recess screws, such as Phillips Truss, Pozidriv, Cross Head, TORX® and TORX® ttap®.

Powder paint can be applied also on different types of surfaces with or without pre-treatment. Quality control procedures applied during the painting process, as well as on the finished product provide stable and guaranteed levels of quality, regardless of the intended product application.





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