



Solaplex™ Pigments

Powder Coating Application

Powder coating is an emerging technology, offering a hygienic, solvent-free method of applying a coating. The fully automated, dry process means that over-spray is recycled, minimising waste and therefore offering a cost-effective but high quality finish for metal, plastic and wood substrates.

30% of powder coatings are supplied to the General Industrial OEM market, and 70% to building, household appliances, automotive and electrical engineering industries. Powder coating is gradually taking market share from wet paint, with an estimated 30% annual growth rate in Europe.

The industry is undergoing considerable change, with widespread reformulation away from Lead-containing stabilisers and colourants; presently there is no completely ideal solution.

Solaplex™ Pigments are recommended in Lead-free formulations and show significant process benefits for powder coatings.



- Excellent colour brightness and fastness
- Excellent hiding power and weatherfastness in exterior conditions
- Wide compatibility, even in reactive thermoplastics
- No disruption of the thermosetting properties of polyester binders
- Excellent over-bake resistance
- Lower metamerism to Lead Chromate colours, compared to other lead-free alternatives
- Lower formulation costs

Solaplex™ Pigments can be supplied as a powder, a colour-matched powder blend or a free-flowing, dust-free colour concentrate.