

Offers Vibrant Colours & Long Lasting Durability

Powder coating provides a protective and decorative finish to any surface and can be divided into three stages.

- Pre-treatment
- Powder Coating Application
- Curing

Unlike traditional liquid paint, powder coating uses a dry powder that is cured under heat to create a durable finish. The powder consists of finely ground pigment and resin, often with additives to improve performance.

The process is environmentally friendly as it does not emit volatile organic compounds (VOCs), minimises waste through electrostatic application, eliminates the need for hazardous solvents, and requires lower curing temperatures, leading to reduced energy consumption.



Any RAL Number to Meet Customer Requirements



It is a fully automated pre-treatment and powder coating system that utilises advanced technologies such as Industry 4.0 for monitoring, waste heat recovery for energy efficiency. The automated system features sixteen guns for efficient application, quick colour changes, and 3D part detection for accurate repeatable spraying.

The 5 stage in-line spray pre-treatment plant is extremely efficient and environmentally friendly using eco-rinses ensuring excellent coating adhesion.

The powder recovery system is capable of 95% efficiency for specific powders.

Our state-of-the-art powder coating facility has a maximum working envelope of up to 1.8m x 1.8m x 0.6m.

Our laboratory facility offers XRF for validating coating weights, eddy current meters for measuring coating thickness and cross hatch adhesion testing to validate substrate to paint adherence.

Overall, powder coating is a versatile, efficient and sustainable solution suitable for various sectors.