



## Overview

Our range of finishes and collections extend to some niche finishes which in themselves do not need a data sheet. The Plus + data sheet introduces these finishes and their properties.

Where the Plus + finishes link to properties of powder coating each section will guide you.

## Key Points

- More options for unique projects
- Improved customer service
- Increased your sales proposition
- Grow your bottom line
- No reduction in lead time

## Tinted lacquer

Tinted lacquer finishes are polyester resin based powder coating bonded with transparent pigments. The effect is enhanced by the influence of the substrate to achieve a depth of colour.

Their performance properties for both corrosion protection, colour retention and gloss retention are equal to normal opaque (solid) finishes. Their application technique is no different to "normal" powder coating.

These finishes are transparent, and it is essential to handle the material in the same way as for anodised aluminium to avoid any scratches, finishing marks, swarf etc Powdertech chrome-free pre-treatment is suitable for tinted lacquer but poor aluminium alloy or inconsistency in the alloy will affect the appearance of the coating.

These finishes need careful planning from design through to installation, but the dramatic results are worth it.

Related data sheets: Polyester and pre-treatment.

## Primer coats

These products are based on epoxy or epoxy-polyester resins designed to improve the corrosion resistance of the base material. They are not a finishing coat due to their poor UV resistance.

Best known for use on mild steel as a first stage layer they are usually applied after shot blasting to improve their adhesion. They can also be used for extreme marine conditions to provide a greater barrier between the elements and the substrate. Variations of primer formulation include: zinc-rich, zinc-free, waterproof and formulations specifically for steel, galvanized steel and aluminium.

Primers can also help to protect edges of all substrates where the coating will be most vulnerable to breakdown leading to corrosion and failure.

Related data sheets: Shot blasting, galvanizing, design.

## Made to order products

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Powder manufacturers have a wide range of colours readily available from stock but we are not limited to these anymore. You can have a powder "Made to Order".

For a relatively small uplift in cost it is possible to manufacture a colour to your specification and if the project is large enough there maybe no cost impact at all.

Powdertech have project managed and applied unique colours for a number of projects ranging from matching old painted wood at the Natural History Museum to a modern redevelopment in Kings Cross where we matched and replaced coloured glass.

Related data sheets: polyester. Case studies section at [powdertechcorby.co.uk](http://powdertechcorby.co.uk)

Applied under ISO 9001: 2015 Quality Management System. Approval Nr: LRQ 10532977

## Product information

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## Project information

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## Warranty

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For C2 and C3 environments: 15-year warranty for gloss, colour and adhesion is offered as standard.

For C4 and C5I & C5M environments: Guarantees are conditional on project location, environmental conditions and pre-contract approval.

Warranties are offered in conjunction with Powdertech standard terms and conditions and a documented cleaning and maintenance programme.

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### **Please note:**

Whilst every care has been taken to provide accurate information this document is for guidance only and should be read in conjunction with other data sheets where applicable.

This document forms no part of a contract. Any warranty is subject to individual review.