



## Overview

We operate an alkali-accelerated solvent-based immersion stripping facility that is capable of removing polyester powder from most metals. The active ingredient is Benzyl Alcohol.

The process is free from hydrocarbons, phenols and cresols.

The plant is the same size as the powder coating plant so if we can powder coat it we can also remove the paint ourselves.

We accept previously painted material for paint removal before powder coating or shot blasting.

## Key Points

- Chemical based process. No heat distortion
- Does not affect guarantees
- Will soften most paints ready for shot blasting
- Improved customer service
- Retains material control
- Old metal can be restored to "new"

## Plant

The plant is located within the premises to retain control of all material at Powdertech.

The plant consists of 2 stainless steel tanks 6500mm long, 600mm wide and 1650mm deep. They are parallel to each other and material is moved from one to the other by overhead crane.

Material is loaded into a stainless-steel basket or cantilever bar before rising and traversing to the first of 2 stages. Stage 1 is immersion into the heated "strip" solution which is moved by powerful jets to soften and erode coatings without affecting the metal substrate. Stage 2 is an air-agitated water rinse to thoroughly clean the metal.

Due to the unknown nature of the paint such as the thickness, the process is closely monitored and requires timing and judgement and only moves forward once the stage has been completed.

Painted steel can be difficult to shot blast but with the inclusion of a stripping stage before blasting the old paint can be softened to reduce metal erosion.

## Process

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Stages are for general information. Actual sequence may change or repeat depending on the material type, condition and finish.

1. Alkali-accelerated solvent-based immersion. Heated and pressure agitated.
2. Agitated water rinse.
3. Pressure wash (optional)

Removed under ISO 9001: 2015 Quality Management System. Approval Nr: LRQ 10267185

## Project information

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## Warranty

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Removal of cured powder by Powdertech on material coated by Powdertech does not affect the warranty.

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.