



## Overview

Powdertech Wood Finish (PWF) is a range of 24 unique colours with and without texture that have been specifically developed to provide a decorative and protective coating for interior and exterior applications. They are applied to metal to give the appeal of wood and the longevity of metal. PWF can be applied to mild steel, galvanized steel and aluminium.

Typical applications are solar shading, handrails, POS, sign systems, curtain wall extrusion, rainscreen and cladding.

## Key Points

- Excellent weather resistance
- **Reaction to fire class A2-s1, d0**
- Simple maintenance
- Good edge coverage
- Conforms to BS EN 12206-1 and Qualicoat Specification 2023.
- Over 20-years external history

## Approvals

PWF range includes powders of different properties defined by one or more of the approvals below.

Qualicoat: P-0301, P-0472, P-0560, P-0599.

**Meets Qualicoat architectural powder coating specifications. PRA analysis report, 77780-327b, November 2018.**

**Reaction to fire classification A2-s1, d0. Warringtonfire report Nos WF420819 & WF420820.2018**

**System Laboratories (UK) Limited. Report Nr 400 September 2023.**

## Properties

Applied gloss at 60°. 20% to 70% depending on colour.  
Applied film thickness. >60 microns.

## Process

### Pre-treatment:

Titanium-Zirconium (TiZr) non-chrome 6-stage pre-treatment.

Galvanized steel. Silane (Oxsilan) non-chrome 8-stage pre-treatment.

Applied under ISO 9001: 2015 Quality Management System. Approval Nr: LRQA 0004460

## Test results summary

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Acetic Acid Salt Spray (AASS) ISO 9227:2018. PASS

Accelerated Weathering Test (Xenon Arc Exposure)- ISO 16474-2:201. PASS

Filiform Corrosion Test – ISO 4623-2:2016. PASS

Full test results can be found at [www.powdertechcorby.co.uk/data sheets](http://www.powdertechcorby.co.uk/data%20sheets). PWF 2023 Classification report summary.

## Product specific information

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## Project specific information

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## Warranty

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For C2 and C3 environments: 25-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.