



Overview

The Anomatch Collection uses polyester resin systems to achieve a range of finishes that closely represent architectural anodising. The finishes provide colour consistency and excellent exterior durability, colour and gloss retention.

Anomatch finishes can be applied to aluminium, mild steel, galvanized steel and most metal substrates. When used in combination with chrome-free pre-treatment Anomatch gives a long-lasting & hard-wearing finish.

Alternative Satellite finishes are available only from Powdertech. These are designed to replicate the depth and mesmerism of anodising. See separate data sheet.

Key Points

- Does not require anodising quality aluminium
- Can be drilled, cut and sawn without fracturing the coating.
- Excellent weather resistance
- Excellent mechanical properties
- Matt and low sheen finish
- All powders are Qualicoat class 1 or class 2 approved

Approvals

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

Qualicoat: P-1136, P-0864, P-1102, P-0397, P-1201, P-0267. Qualicoat Class 1 and Qualicoat Class 2.

Properties & Performance

BS EN 12206-1 and BS EN 13438 are the governing standards.

Applied gloss @ 60°: ISO 2813. Smooth finish. Matt, 5% to 35%.

Applied film thickness: > 60 microns.

Weathering:

Accelerated test, Xenon lamp. ISO 16474-1:2013.

After 1000 hours exposure. Residual gloss: Class 1 >50%. Class 1.5 >75%. Class 2 >90%.

Natural Florida test. EN ISO 2810 : 2004.

Residual gloss. Class 1 >50% after 12 months. Class 1.5 >50% after 24 months. Class 2 >50% after 36 months.

Adhesion: ISO 2409. GT0.

Corrosion: AASS 1000 h ISO 9227. No blistering after 1000 hours.

Colour:

Accelerated colour change BS EN ISO 11664. After 1000 hrs exposure ΔE , according to Qualicoat requirements (appendix A8).

Class 1 < 100% of the max value. Class 1.5 < 75% of max value. Class 2 < 50% of the max value.

Natural Florida BS EN ISO 2810, 5° elevation south facing. ΔE , according to Qualicoat requirements (appendix A12).

Class 1 < max after 12 months. Class 1.5 < max value after 24 months. Class 2 < max value after 36 months.

Humidity: ISO 6270-2. 1000 h. No blistering.

Cylindrical Mandrel Bending: BS EN ISO 1519. 5 mm pass.

Resistance to Boiling Water: (pressure cooker). No defect or peeling after 2 hours.

Process

Pre-treatment:

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

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

Powder application:

Corona discharge system.

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

Product information

Project information

Warranty

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.

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.