

Specification for Colourcoat

The information below is the coating specification for Colourcoat available from Highland Colour Coaters & Highland Galvanizers.



Polyester powder coat onto an aluminium substrate applied in accordance with ISO 12206-1

Colourcoat is a tough flexible coating for use on architectural aluminium products both internally and externally. The coating offers enhanced corrosion protection and colour to the substrate metal.

Technical applicator requirements

The following conditions are necessary for Colourcoat to be applied, all of which are met by Highland Galvanizers and Colour Coaters.

- The powder coating should be applied in accordance with ISO 12206-1
- The process should be carried out under a robust quality management system that is audited annually to comply with BS EN ISO 9001:2008 or equal
- Components should be labelled or identifiable throughout the process ensuring traceability.
- A full immersion pre treatment system should be used ensuring all component surfaces are chemically treated prior to coating. This should include the application of a conversion coating to provide adequate adhesion between the substrate and the powder layer.
- The pre-treatment, powder application and curing should be completed in one production shift. Materials that do not achieve this should be returned to the start of the process
- Sample panels should be processed with the job and tested at the time of coating to ensure the coating meets specification requirements
- Powder coating operatives should be trained by the Institute of Metal Finishing or equal
- The components should be inspected and measurements taken on thickness and gloss levels prior to despatch
- Materials should be suitably packaged prior to despatch

Erection and ongoing care

- Care must be taken during handling and installation to ensure the coating is protected from damage
- Materials that are being stored on site should be adequately protected from site operations

Additional information

Capacity – components up to 7m x 3m x 1.1m and weighing up to 750kgs

Items may need to have holes drilled for suspension, and for venting and draining purposes. For further information on where holes should be located and any other design issues please contact us on the number below.

For further information please visit www.higalv.co.uk or call 01236 731 444