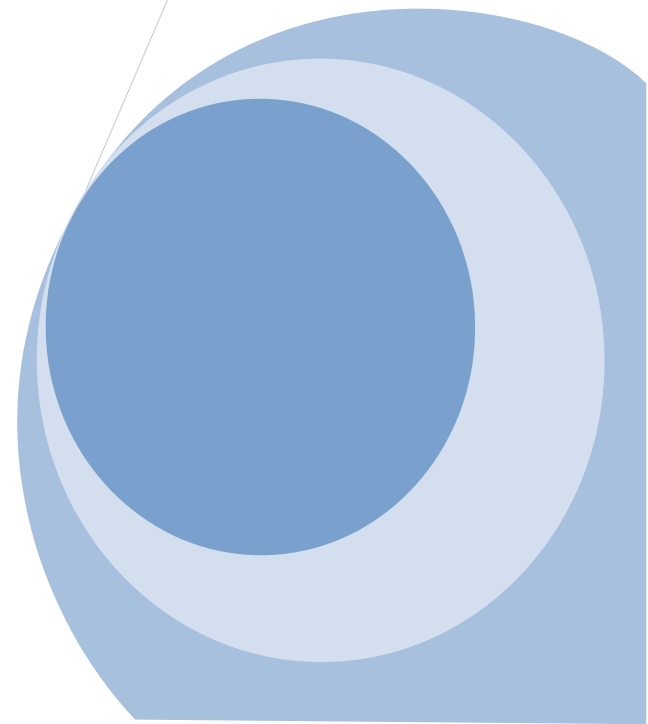


MASTER POLYESTER POWDER COATING

Material Safety Data Sheet

Best for adding longevity.

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PRODUCT INFORMATION

Description:

Product Description

Master Polyester powder coatings best for adding longevity, this technology has outstanding physical properties that tackle extreme periods of outdoor exposure easily: Exterior Grade. Following are main features of Master polyester based powder coatings:

- Available in a wide range of gloss, colours and finishes
- Exterior durability
- Good Chemical resistance
- VOCs are essentially zero

Storage:

Keep in a cool and dry place at a temperature of 25 °C and maximum relative humidity of 60%. If the powder is stored longer than 12 months, a quality test is highly recommended.

Performance

The technical data provided below are typical for this product when applied as follows:

Substrate pre-treatment	Zinc phosphate
Substrate thickness (mm)	0.8mm
Film thickness (µm)	60 to 90 microns

Property	Standard	Result
Colour	-	No Restrictions
Gloss	ASTM D-523	20 to 95 @ 60
Pencil hardness test	ASTM D3363-05	Scratch hardness: H – 2H Pencil (Eagle)
Impact resistance	ASTM D2794 (5/8 " ball)	Gloss > 60 - 100/80 inch-pounds (front and reverse) Gloss < 60 - 80/40 inch-pounds (front and reverse)
Adhesion	ISO 2409	Cross-cut rating Gt0 (100 % adhesion)
Resistance to neutral salt spray	ASTM B117	No blistering and maximum 2 mm corrosion creep from scratch after 500 hours

Application Data

Property

Description

Application Type

Electrostatic spray (Corona gun or Tribo gun)

Curing Schedule

200 degree Celsius for 10 minutes OR
180 degree Celsius for 12 minutes

Specific Gravity

Colour dependant

Theoretical Coverage

Colour dependant

Recommended Film Thickness (μm)

60 to 90 μm

Shelf Life form Date of Manufacture

12 months

Disclaimer:

The technical and application properties contained in this data sheet were determined by the product chemistry. The actual results may vary with the colour and gloss level of each product.

Health & Safety and Environmental Information:

Keep out of reach of children. Do not swallow. Seek medical advice immediately if swallowed. Ensure good ventilation during application. Avoid contact with skin and eyes and wear safety goggles and mask to avoid breathing vapor and dust. In the event of paint coming into contact with eyes, rinse thoroughly immediately and seek medical advice. Use soap and water to clean any paint on skin. Store the paint in a cool and dry place.

