

# WHEELPAINTS

Specialist Paints for the Alloy Wheel Industry

## PRODUCT INFORMATION

### Hi Flow Black Primer Powder 51-00-22P

This is a Polyester powder that has been formulated to give hard durable finishes with very good mechanical, light and weather resistance properties.

#### Type of Finish:

- Smooth
- Leatherette
- Texture
- Stipple
- Hammer
- Metallic
- Toy Regulation

#### Gloss:

- Full Gloss 90+/-5 @ 60
- Semi-Gloss 60+/-5 @ 60
- Satin 30+/-5 @ 60
- Matt 15+/-5 @ 60

#### Specific Gravity

1.2 – 1.80 depending on colour and type.

#### Coverage

10 – 12 sq. mts/kg depending on colour and type

#### Curing Schedule

10' @ 200 deg C (Metal Temperature) standard cure

10' @ 180 deg C (Metal Temperature) Low cure

#### Mechanical Properties

All tests are carried out on degreased iron phosphate steel panels with a coating thickness of 60um.

Cross Hatch (1mm squares) – No loss of adhesion

6mm Mandrel Bend (BS 3900 E1) – No loss of adhesion

Impact test (BS 3900 E7) – 40-60Kg/cm depending on colour and type

Pencil Hardness – 1H-4H depending on colour and type

**Resistance**

Salt Spray – More than 1000 hours with corrosion creepage less than 2mm from scribe  
Humidity (BS 3900 F2) – 1000 hrs No effect  
Water Soak (40 deg C) – 1000 hrs No effect

**Storage**

12-18 months shelf life when stored in dry conditions below a temperature of 25 deg C.

**Application**

By Conventional corona discharge.

**Typical Applications**

Architectural Aluminium  
Building Products  
Domestic Appliances  
Radiators  
Automotive Components  
Electrical Components  
Many other areas where excellent heat and light stability are required

**Properties**

Recommended for exterior use