

# Shamir – Zinc-Rich Primer Powder

## Meeting S.S.P.C Standards

Product Code	187-100
Product Description	A powder with a chemical composition providing excellent anti-corrosive properties via cathodic protection.
Uses	Good for coating iron, steel and aluminum.

### Special Features

Excellent anti-corrosive and anti-moisture durability. Good mechanical qualities allowing metal profiles to be cut without damaging the coating. Excellent bonding to metal and to paint layers.  
**The powder is a primer and requires the application of an upper powder above the primer coat.**

### Technical Specifications

Color	Dark Grey
Gloss	Matte to semi-shiny
Specific Weight	4.5-4.7 g/cc
Percentage of Solids	100%
Recommended Film Thickness	60-80 microns
<b>Oven Baking</b>	
Baking Time	15 minutes
Baking Temperature	190°C.
Storage	
Shelf Life	6 months (at 25°C, 65% humidity)

### Metal Preparation

Chemical treatment using zinc phosphate or iron phosphate, Alodine S1002 for aluminum, sandblasting or other complete cleaning method.

### Application

Via electrostatic spraying equipment – Corona (40-80kV negative charge), Tribojet.

### Notes on Painting

An epoxy-type upper coat of paint (series 180 and 182 for indoor use), or pure polyester (series 185 for outdoor use) must be applied over the primer coat.

### Safety Measures

Keep away from flames, keep away from children, ensure proper workspace ventilation. Skin and eyes must be protected during use. Hands must be washed with soap and water after painting. Avoid inhaling the product and its fumes.

**Warning – under no conditions may the product be mixed with materials not recommended by us.**

### General

The information presented is based on knowledge and experience accumulated over the course of years. We reserve the right to update and/or change it at our discretion.

Achieving the desired results is dependent on proper application of the product while following instructions. Prior to using the product, the user must ensure that application of the product is in the intended manner and that the surface in question has been properly prepared and is appropriate for the product's application.