

Shamir – TGIC Polyester Paint Powder

Product Code	185-XXX
Product Description	TGIC polyester Powder. Qalicoat standard.
Uses	Good for coating iron, steel and aluminum.

Special Features

Good outdoor durability, good mechanical qualities allowing metal profiles to be cut without damaging the coating layers. Excellent metal bonding. Some contain metallic pigments, so in order to preserve the metallic color's durability, a thin transparent lacquer layer must be applied, Cat. # 185-400

Technical Specifications

Color	Any Har'el color and by customer sample
Specific Weight	1.3-1.6 g/cc
Surface	Shiny, silky
Percentage of Solids	100%
Recommended Film Thickness	60-80 microns. With metallic powders, the recommender application thickness is 80-100 microns, 40-50 microns for the transparent lacquer layer
Oven Baking	
Baking Time	15 minutes
Baking Temperature	190°C
Storage - Shelf Life	12 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. Powders containing metallic pigments should be applied via Corona only.

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.