# TECHNICAL INFORMATION

**POWDURA® POLYESTER TGIC**
**POWDER COATING**

## PRODUCT DESCRIPTION

**PWS8-C0013**
**Tech White**

**POWDURA® Polyester TGIC Powder Coatings** are recommended for a broad range of interior/exterior functional and decorative applications.

**Advantages:**

- Provides excellent overbake resistance
- Good chemical resistance
- Very good outdoor exposure qualities
- Wide range of special effects available
- Available in a broad range of colors

Many applications, including:
Steel Furniture
Refrigeration
Electronic Cabinetry
Scaffolding
Electrical Equipment
Instrument Housings
Appliances
Sporting Goods

**Storage:** Powdura® Powder Coatings should be kept in a dry and cool area at temperatures below 80°F (27°C). When not in use, store powder in sealed containers: fine powders are hygroscopic.

**Substrate Preparation:** Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface preparation treatments to ensure optimum adhesion and coating performance properties. The use of a chemical conversion coating prior to the application of a powder coating is strongly recommended.

**Testing:** Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full-scale application.

## CAUTIONS

Thoroughly review product SDS prior to using this product. Please consult your local sales representative or your local Sherwin-Williams facility for additional information.

## APPLICATION

All testing was performed on clean panels with appropriate pretreatment. Proper pretreatment will enhance performance of this product.

| | |
|---|---|
| **Cure Schedule:** | 15 MINS @ 380F |
| **Film Thickness Range**(mils): | 2.0-3.0 |

## ATTRIBUTES

| | |
|---|---|
| **Specific Gravity**(g/ml): | 1.65 |
| **Coverage at 1.0 Mil**($ft^2$/lb): | 117.1 |
| **60° Gloss:** (ASTM D-523) | 80.00-100.00 |
| **Adhesion:** (ASTM D-3359) | 5B |
| **Flexibility:** (ASTM D-522) | Pass 1/8" |
| **Pencil Hardness:** (ASTM D-3363) | H-2H |
| **Impact Resistance**(in.lb): (ASTM D-2794) | Dir 80 in-lbs<br>Rev 80 in-lbs |
| **SaltSpray**(ASTM B-117) max 1/8" Creepage | 1000 hours |
| **Shelf Life:** | 24 Months |

Sherwin-Williams recommends that all material be used in FIFO order ( first in - first out). Materials that exceed the recommended shelf life should be tested prior to use.

**Note:**
Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application, which are not known, or under our control, The Sherwin-Williams Company cannot make any warranties or guaranties as to the end results.

25 00
Grove City Powder R&D
15-Oct-2023