TECHNICAL INFORMATION

POWDURA® TGIC POWDER COATING

PRODUCT DESCRIPTION

PAS8-C0021
OVERNIGHT GRAY

POWDURA® TGIC Powder Coating is recommended for a broad range of interior/exterior functional and decorative applications.

Performance Tests:

**Impact Resistance**
160 Dir./ 160 Rev
(ASTM D-2794)

**Adhesion**
No failure with 1/8" squares
(ASTM D-3359)

**Flexibility**
Pass ¼" mandrel bend
(ASTM D-522)

**Pencil Hardness**
2H
(ASTM D-3363)

CHARACTERISTICS

60° Gloss: 80+

Cure Schedule: 15 Min. at 350°F

Film Thickness Range: 2.0-3.0 Mils

Specific Gravity: 1.58 +/- .05

Coverage at 1.0 Mil: 121.7 sq. ft /lb

Typical Environmental Properties:
On B1000 Panels

**Salt Fog**
1000 hours
(ASTM B-117)

**Humidity**
1000 hours
(ASTM D-4585)

Storage:
Powdura® TGIC Powder Coatings should be kept in a dry and cool area at temperatures below 75°F (24° C). Shelf life ranges from 6 months to over 1 year. When not in use, store powder in sealed containers; fine powders are hygroscopic.

APPLICATION

Powder coatings must be applied using suitable electrostatic equipment. Consult your Sherwin-Williams Representative regarding unique applications.

CAUTIONS

Thoroughly review product label for safety and cautions prior to using this product. Please direct any questions or comments to your local Sherwin-Williams facility.

CAUTION! Causes eye irritation, causes skin irritation, may cause allergic skin reaction, respiratory irritant, dust may cause eye and respiratory irritation, dust may form an explosive mixture in air. Avoid breathing dust. Avoid contact with eyes and prolonged or repeated contact with skin. Use protective clothing and NIOSH approved respirator. Do not use near sparks or open flame or any type of ignition source. Wash thoroughly after handling, and use only with adequate ventilation.

FIRST AID:
If on SKIN: Wash thoroughly with soap and water.
If in EYES: Flush with water immediately and procure medical attention. The area adjacent to the coating operation should be properly ventilated. Cure ovens must be exhausted to the outside atmosphere. All dusts are respiratory irritants; inhalation of the dust should be avoided. To avoid static electricity build-up, properly ground all equipment. Provide dust collection equipment with adequate explosion venting; dust clouds of any finely divided organic material can be ignited by open flame or electrical sparks.

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.

Rockford, IL
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