POWDURA® POLYESTER TGIC POWDER COATING

PAS4-C0001
CHARCOAL

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

APPLICATION

Cure Schedule: 10 min. at 400°F
Film Thickness Range: 2.0-3.0 mils

ATTRIBUTES

Specific Gravity: 1.70 +/- .05
Coverage at 1.0 Mil: 113.1 sq. ft./lb.
60° Gloss: 30-40
Adhesion: 5B (ASTM D-3599)
Flexibility: Pass 1/8 " Mandrel Bend (ASTM D-522)
Pencil Hardness: H-2H (ASTM D-3363)
Impact Resistance: 120 in-lbs direct (ASTM D-2794) 120 in-lb reverse

Typical Environmental Properties:
On Bonderite 1000™ Panels
Salt Fog: 1000 hours (ASTM B-117)
Humidity: 1000 hours (ASTM D-4565)

Testing: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full-scale application. The properties listed are typical and should not be construed as the actual specification.

APPLICATION

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

Product Limitations:
- Contact your Sherwin-Williams Representative where use of this product at higher than recommended film thickness may be required.

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 respiratory equipment. Consult your Sherwin-Williams facility.

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.

DO NOT TAKE INTERNALLY.

KEEP OUT OF REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

REFER TO MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

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, Illinois
December 17, 2010

*This high performance product was designed and manufactured taking steps to reduce environmental impact and to meet or exceed the most stringent regulatory requirements. To learn more, visit swgreensure.com.