TECHNICAL INFORMATION

POWDURA® POLYESTER URETHANE POWDER COATING

PRODUCT DESCRIPTION

UHS2-20025
595-33446 Desert Tan

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

Advantages:

- Available in a broad range of colors
- Very good exterior color and gloss retention
- Excellent corrosion resistance
- Excellent humidity resistance
- Textured finishes available
- Simulated metallic effects available
- Can be formulated to minimize outgasing
- Very good chemical resistance

Many applications, including:
Fluorescent lighting
Lawn and garden equipment
Transformer cases
Playground equipment
Steel and aluminum wheels
Patio furniture
HVAC equipment

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:	10 MIN @ 400F 10 MIN @ 204C
Film Thickness Range(mils):	3.0-4.0 MILS

ATTRIBUTES

Specific Gravity(g/ml):	1.30
Coverage at 1.0 Mil(ft^2/lb):	148.7
60° Gloss: (ASTM D-523)	0-10
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 60 in-lbs Rev 60 in-lbs
Shelf Life:	12 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.

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