



# TECHNICAL INFORMATION

## POWDURA™ 4000 HIGH PERFORMANCE ARCHITECTURAL POWDER COATING

### PRODUCT DESCRIPTION

**DDS2-80001**

**Medium Bronze**

**POWDURA® 4000 Superdurable Polyester Powder Coating** are recommended for a broad range of architectural applications. They incorporate Solar Reflective pigments and are designed to meet the requirements of AAMA 2604-05.

#### **Advantages:**

- Superior exterior color and gloss retention
- Good chemical resistance
- Limited color selection to maintain AAMA 2604-05 performance

Many applications, including:

Windows

Doors

Frames

Railings

Fencing

Heavy 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.

**Aluminum:** A minimum of a 5-stage metal cleaning and pretreatment system, or equivalent, is recommended for good adhesion and optimum coating performance properties.

If AAMA 2604-05 performance is required, the AAMA 2604-05 pretreatment guidelines must be followed.

**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

**Cure Schedule:** 10 MIN @ 400F

**Film Thickness Range(mils):** 2.0-3.0

### ATTRIBUTES

**Specific Gravity(g/ml):** 1.52

**Coverage at 1.0 Mil(ft<sup>2</sup>/lb):** 127.3

**60° Gloss:** 25-35  
(ASTM D-523)

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

**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.

#### **Technical Remark**

LAB REQUEST 17GFP-014

THE FOLLOWING PROJECT WAS PLACED IN  
LAB CATALYST FOR TESTING TO AAMA 2604

2017-CTG-36844

#### **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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Grove City Powder R&D

25-Nov-2022