

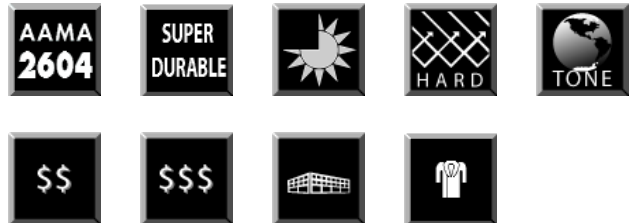


Dynadure™ 400 Series



END USES

Super durable polyester coating for use on the exterior of commercial building or high-end residential applications.



Formulated using super durable polyester resins, the Dynadure™ 400 Series is designed to meet AAMA 2604 specifications for commercial and high-end residential products. The 400 series provides high performance against weathering, color fade, and chalk.

With a minimum pencil hardness of H, the Dynadure™ 400 Series offers excellent abrasion and mar resistance to endure the physical abuses that can occur as a result of normal application, fabrication,

transportation, and installation processes. This system is designed to meet the application and performance demands of the commercial aluminum window, storefront, and façade markets. The 400 Series is also an appropriate choice for building interior surfaces when hardness and abrasion resistance are desired.

All of this is done in a one-coat powder application in an environmentally friendly alternative as Dynadure™ products produce zero VOC emissions.

| SUBSTRATE | PRETREATMENT |
|-----------|--------------|
| Aluminum | Chromate |

FIELD PERFORMANCE

PROJECT: Formulated for use on non-monumental projects such as heavy commercial, commercial, storefront, high-end residential (non-roofing) or interior.

EXPOSURE: Moderate UV, salt air, acid rain or air pollution.

ANSI/AAMA 101: For projects classified as Heavy Commercial, Light Commercial or Residential.

INDUSTRY SPECIFICATION: Meets AAMA 2604.

RESIN: Super durable polyester resin.

BUDGET: \$\$ - \$\$\$

TO SPECIFY WRITE: Factory applied, super durable polyester resin based paint coating, Dynadure™ as manufactured by THE VALSPAR CORPORATION.

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.



Dynadure™ 400 Series

Valspar

PERFORMANCE PROPERTIES

| | |
|--|---|
| Industry Specification | Meets or exceeds AAMA 2604 |
| Outdoor Exposure: 5 Years @ 45° South Florida ASTM D 2244 ASTM D 4214 | Color: No more than 5Δ Hunter units Chalk: Rating no less than 8 |
| Humidity Resistance: 100% relative humidity @ 95° F 3,000 Hours ASTM D 2247 | Rating 8: No more than “few” field blisters per Figure No. 4, ASTM D 714 |
| Salt Spray Resistance: 3,000 hours ASTM B 117 | Scribe: Rating 7, No more than 1/32” – 1/16” (1-2 mm) Field: Rating 8 |
| Pencil Hardness: ASTM D 3363 | H Minimum |
| Film Adhesion: (Dry, Wet and Boiling Water) | Excellent – no loss of adhesion |
| Reverse Impact: 1/10” deformation ASTM D 2794 | Excellent – no loss of adhesion |

APPLICATION CHARACTERISTICS

| | |
|-------------------------------|---------------------------------|
| Application Method | Electrostatic Spray |
| Substrate | Aluminum Only |
| Gloss ASTM D 523 @ 60° | ~ 35% to 90% |
| Cure Temperature (Fahrenheit) | 375° to 400° |
| Specific Gravity | 1.2 to 1.7 dependant upon color |

For details on health, safety and handling information, Material Safety Data sheets are available upon request.

For more information, contact Valspar's Powder Coatings Division at:

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