

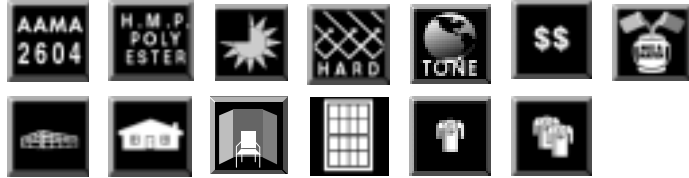


SUPER DYNAPON®



END USES

Super durable polyester coating designed for use on the exterior of commercial buildings and high performance residential applications.



<p>Super Dynapon® is a super durable polyester spray-applied coating for aluminum extrusions and wall panels that will meet or exceed AAMA 2604 specification requirements.</p> <p>The Super Dynapon formulation contains the same top quality mixed metal oxide (ceramic) and other select inorganic pigments that Valspar uses in our best AAMA 2605 compliant product line. These durable pigments provide high performance protection against color fade.</p> <p>The high molecular weight polyester resin system resists chalking and provides excellent adhesion. The Super Dynapon system has a pencil hardness of 2H that offers superior abrasion and mar resistance</p>	<p>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 facade markets. Super Dynapon is also an appropriate choice for building interior surfaces when hardness and abrasion resistance are desired.</p> <p>Super Dynapon can be custom designed to meet the color, gloss, application and cure requirements of most manufacturers of these products.</p>
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TO SPECIFY, WRITE: Factory applied, baked-on high molecular weight polyester (HMP) resin-based paint coating Super Dynapon as manufactured by VALSPAR.

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.



SUPER DYNAPON®

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 3000 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	2H minimum
Film Adhesion (Dry, Wet or Boiling Water)	No loss of adhesion
Reverse Impact ASTM D 2794	1/10" deformation, No loss of adhesion
Flame Test ASTM E 84	Class A coating

APPLICATION CHARACTERISTICS	
Application Method	Conventional or electrostatic spray
Substrate	Aluminum only
Total Dry Film Thickness Primer Color topcoat	1.2 mil minimum 0.2-0.4 mil 1.0-1.3 mil
Specular Gloss ASTM D 523	10 - 35 at 60°, Higher gloss is available
Viscosity: ASTM D 562 (No. 2 Zahn Cup)	45 to 55 seconds (Grade EZ Series)*
Weight/Gallon: ASTM D 1475	8.0 - 11.0 lbs/gallon (3.6 kg to 5 kg per 3.8 liters) *
Solids by Volume: ASTM D 2697	43% to 49%*
Solids by Weight: ASTM D 2369	54% to 60%
Reducing Thinner:	Xylol/Butyl Carbitol
VOC (Theoretical): ASTM D 3960	3.5 - 4.0 lbs/gallon*
Clean-Up Solvent:	MEK
Recommended Bake Temperature:	350°F (177° C) for 15 minutes

* Varies because of color selection and applicator's requirements.

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

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