SPECTRUM PAINT®

PRODUCT DATA SHEET

SPEC-PRO® Dura-Clad™ Acrylic Enamel Semi-Gloss INT/EXT (D66501)

Product Description

Spec-Pro® Dura-Clad™ Acrylic Enamel Semi-Gloss Interior/Exterior is a pure 100% acrylic latex with high hiding and sag resistance properties that is ideal for use on interior or exterior surfaces where a hard and durable finish is necessary. It will withstand frequent washings and offers good flow and leveling when applying. It has excellent gloss and color retention and dries to a rich, luster finish.

Where to Use

It is best suited for inside or outside doors and wood trim, paneling, cabinets, or recreation rooms.

Product Characteristics

Color White

Sheen Semi-Gloss

Architectural and Industrial Maintenance Category Non-Flat Coatings

Drying Time

Temperature	To Touch	To Recoat
75°F / 55% R.H.	1-2 hours	3-4 hours

(Cooler temperatures, higher humidity, and darker custom colors will require a longer dry time)

Preparation & Priming

Surface Preparation All surfaces must be clean, dry, and free of any contaminants or conditions of the surface that would hinder the performance of the coating, such as dirt, grease, wax, stains, and glossy finishes.

Physical Properties

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning Thin with water only if necessary, up to one pint per gallon.

Surface Temperature Minimum 50°F, Maximum 90°F - The surface should be dry, and the relative humidity should be less than 85%.

Recommended Thickness 1.5-2.5 mils dry per coat, two coats recommended.

Theoretical Coverage 496 ft²/gallon at 1 mil dry, assuming no application losses. Coverage will vary depending on color, the surface texture and application technique.

Coverage Rates per Coat

	Dry Mills	Wet Mills	Ft²/gal
Suggested	1.8	6.0	276
Minimum	1.5	5.0	331
Maximum	2.5	8.0	198

Application Equipment

Airless Spray	Pressure	2300-3300 psi
	Tip	0.011"-0.017"
Conventional Spray	Air Pressure	40-70 psi
	Fluid Pressure	10-20 psi
Roller	Use appropriate nap synthetic covers.	
Brush	Use high quality synthetic or nylon bristle brushes.	

Application Considerations This coating allows for brush, roller, or spray application. Always apply into rather than away from the wet edge, overlapping each pass 50%. Avoid touching up, rolling or brushing back into paint more than ten minutes after applying. Touch up when paint is completely dry. Allow the paint to cure at least ten days.

Touch-Up Proper touch-up is accomplished by applying a thin coat of this product over a well-coated surface using the same method of application as used to apply the finish coat, that is, spray over spray, roller over roller. If the finish coat is sprayed, it is also possible to spray a small amount into an empty container, then touching up with a foam brush. Touch up should be done within 5°F of the original temperature.

Cleanup & Storage

Cleanup	Use soap and warm water to clean up spills.
Storage Temperature	Minimum 40°F Maximum 90°F
Shelf Life	Under normal conditions (unopened) - 2 years.

Safety & Important Information

WARNING! OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. CONTAINS: PROPYLENE GLYCOL. Causes eye irritation. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Use only with adequate ventilation. Avoid breathing vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

Additional Technical Data

Solids by Volume	31% ± 2
Solids by Weight	42% ± 2
Finish	Semi-Gloss 35-50 @ 60°
AIM Category VOC Limit	3.2 lb/gal (380 g/L)
Coating VOC	0.51 lb/gal (61.67 g/L) – Minus Water and Exempt Materials.
Material VOC	0.17 lb/gal (20.59 g/L)
Density	9.96 lb/gal (1193.47 g/L)
Packaging	5 Gallon pails and 1 Gallon cans.
Chemical Resistance	**Flexibility:** Good **Weather:** Very Good **Abrasion:** Very Good
Heat Resistance	120°F - 150°F Continuous
Safety Information	Refer to the Product Data Sheet or Material Safety Data Sheet for safety information.

Performance Data

Test Method	Standard	Results	Data Source
Freeze/Thaw	ASTM D2243	Pass – 3 Cycles	CAI
Contrast Ratio	ASTM D2805	At 3 Mils – 0.97	CAI
Reflectance	ASTM D97	89.90%	CAI
Sag Resistance	ASTM ASM-4	16 Mils	Anchor
Flow and Leveling	ASTM D4602	Brushed 8	CAI
Scrubbability	MPI	Passed 2500 cycles, 85 Gloss - 5.18% Difference	Anchor

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Spectrum Paint Company warrants your satisfaction with the application, appearance, and performance properties of this product when applied to a properly prepared surface in accordance with the label directions. **Spectrum Paint makes no other express warranties. If the product fails to conform to this Limited Warranty, Spectrum Paint will, at your option, furnish replacement product or refund the purchase price. This Limited Warranty excludes (1) labor or costs of labor for the application or removal of any product and (2) all other direct, indirect, incidental, special, or consequential damages.** This Limited Warranty gives you specific legal rights; you may have other rights which vary by state. To make a claim under this Limited Warranty, supply dated proof of purchase to the store of purchase or to Spectrum Paint Company, 15247 E. Skelly Dr., Tulsa, OK 74116.