

TECHNICAL DATA SHEET

ARMOR PREMIUM ACRYLIC SEMI-GLOSS

PRODUCT LINE:	DA1975
PRODUCT DESCRIPTION:	David Andrew Armor Premium Acrylic Semi-Gloss offers the ultimate finish for both appearance and durability. Superior flow and leveling makes doors, trim and cabinets appear as though they were factory finished. This advanced formula is tough enough for many industrial and institutional applications, yet it's very user-friendly to both pro painters and consumers alike. Armor Acrylic Enamel bonds strongly to aged alkyds and other "tough to paint" surfaces. Ideal for use over primed or previously painted wood, metal, drywall and masonry surfaces. Provides excellent color and gloss retention and weather resistance.
SUGGESTED PRODUCT USES:	<i>Suitable for, but not limited to application to the following properly prepared substrates:</i> Interior/Exterior: Wood Doors & Trim, Metal Doors & Trim, Cabinets, Railings, Glossy Paint, Metal Siding, Aluminum, Galvanized Metal, Ferrous Metal, Masonry, Concrete Block, Gypsum Drywall, Etc. Use on dimensionally stable exterior surfaces only.
SURFACE PREPARATION:	<p>GENERAL: The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew, mill scale, form release agents, curing compounds, and any other surface contaminants that may adversely affect coating performance.</p> <p>PAINTED SURFACES: Remove any loose, scaling, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing or by power tool cleaning methods, such as electric sanders or grinders, etc. Sand rough paint edges smooth to adjacent surface area. Sand glossy surfaces to dull the existing finish. Spot prime bare surfaces as recommended and allow to dry thoroughly before applying finish coatings.</p> <p>NEW or BARE SURFACES: Ferrous Metals – Iron & Steel: Remove all surface contaminants, including oil, grease, loose rust and rust deposits. Hand or power tool clean surfaces to sound metal.</p> <p>Galvanized, Aluminum & Other Non-Ferrous Metal: It is recommended to allow surface to weather for a minimum of six (6) months then solvent clean per SSPC-SP 1. If weathering is not possible, solvent clean per SSPC-SP 1, and apply recommended primer. Drywall: Insure that the surface is dust & chalk free, and primed with recommended primer. Wood: New or bare wood surfaces must be clean, dry and sound, and should be properly primed and painted before installation or immediately after. Do not allow exterior wood to weather. Weathered wood surfaces should be sanded to expose fresh wood surface before coating. Remove any grade stamps or pencil marks from new wood by lightly sanding. Wood moisture content should be below 15% and wood surfaces that have a mill glaze should be sanded to allow for proper adhesion.</p> <p>Masonry & Concrete: Allow a minimum 30 days to properly dry/cure. The surface should be tested for pH and alkali levels and should not read higher than a 10.0 level. Clean surface thoroughly to remove contaminants, oil, grease and embedded chemicals. Smooth, slick, glazed, poured or pre-cast concrete should be acid etched, abrasive or shot blasted providing a finish similar to that of 60 grit sandpaper. Mildew - Surface areas affected by mildew should be washed with a commercial mildew removal product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.</p> <p>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.</p>
PRODUCT APPLICATION:	<p>May be easily applied with a quality brush, roller, or spray equipment as follows; Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed. For best results, it is recommended to apply two (2) finish coats. To assure color uniformity always intermix multiple containers of custom tinted and stock colors. Apply a small test sample to verify color. Always paint to a natural break in the surface, such as a corner or edge.</p> <p>Brush Applications: When applying by brush, use a quality nylon or polyester bristle brush, or a quality combination of both, and apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.</p> <p>Roller Application: When applying by roller cover, use a quality smooth, medium or rough nap roller, depending on surface porosity, and apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading.</p> <p>Spray Application: When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.015 - 0.019 fluid spray tip. Rough or textured surfaces coated using spray equipment should be back-rolled to ensure a uniform film, even coverage and proper adhesion. Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area. Apply when surface and ambient temperatures are above 55° F and below 90° F. Do not apply when surface and air temperature is within 5° of the dew point. Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint. KEEP FROM FREEZING!</p>

THINNING:	Stir thoroughly and apply as it comes from the container. Thinning is not recommended. However, if thinning is required, you may add clean water up to ½ pint per gallon.
CLEAN UP:	Clean up any minor spills and spatters immediately with warm soapy water, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.
ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon. <i>(Coverage will vary depending on application method, surface porosity and condition of the surface.)</i>
ESTIMATED DRYING TIME:	To Touch: 30 min. - 1 hr. / To Recoat: 2 - 4 hours - (@75°F & 50% RH) <i>(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)</i>
PRECAUTIONS:	CAUTION: KEEP OUT OF REACH OF CHILDREN! Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Avoid contact with eyes. USE WITH ADEQUATE VENTILATION! 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. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. DO NOT TAKE INTERNALLY! KEEP FROM FREEZING! FIRST AID: In case of skin contact, wash thoroughly with plenty of warm soapy water. In case of eye contact, flush with plenty of water for 15 minutes, and get medical attention immediately. If you experience difficulty breathing, leave to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

TECHNICAL DATA

GLOSS @ 60° :	Semi-Gloss 45 - 55 units	FLASH POINT:	N/A
SOLIDS BY WEIGHT:	51.20% ± 2%	SOLVENT SYSTEM:	Water
SOLIDS BY VOLUME:	36.10% ± 2%	AVERAGE DRY TIME:	2 Hours
V.O.C. :	Not to Exceed 250 g/l (2.10 lb/gal) <i>(Meets AIM Standards)</i>	PACKAGING:	Gal. – 4/case 5 Gal. – Each
ESTIMATED MIL FILM:	Wet – 4.6 mils @ 350 sq. ft. / gal. Dry – 1.6 mils @ 350 sq. ft. / gal.	WEIGHT PER GALLON:	10.90 lbs.
VISCOSITY:	98 KU ± 3	CLEAN UP:	Warm Soapy Water
VEHICLE:	Proprietary Acrylic	THINNING:	Clean Water

WARRANTY & LIMITATIONS

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