

# TECHNICAL DATA SHEET

## GUARDIAN PREMIUM LOW LUSTER

<b>PRODUCT LINE:</b>	DA1978
<b>PRODUCT DESCRIPTION:</b>	<b>David Andrew Guardian Premium Exterior Low Luster</b> is a high build, 100% acrylic polymer coating that uses new advancements in acrylic technology to produce our best exterior coating for your home or commercial building. Its unique formulation is self-priming, bridges hairline cracking, prevents surface deterioration and provides maximum weather protection. Guardian's low luster finish allows for easy application, excellent hide and coverage. It provides excellent durability, mildew resistance, and resistance to peeling, blistering, cracking, and flaking. This high-build formula resists sagging and is ideal for use on exterior stucco, concrete, cement-fiber siding, wood and metal substrates. Mildew Resistant - This paint contains agents which inhibit the growth of mildew on the surface of the paint film. For exterior use only.
<b>SUGGESTED PRODUCT USES:</b>	<i>Suitable for, but not limited to application to the following properly prepared substrates:</i> <b>Exterior:</b> Masonry, Stucco, Concrete Block, Cement-Fiber Siding & Trim, Brick, Poured Concrete, Wood Trim & Siding, Aluminum Siding, Vinyl Siding, Galvanized Metal, Architectural Plastic, Properly Primed Metal, Etc.
<b>SURFACE PREPARATION:</b>	<b>GENERAL:</b> The entire surface area to be painted should be clean, dry, fully cured, and free from dirt, grease, oils, waxes, curing and release agents, mildew and any other surface contaminants the may cause paint failure. Remove any loose, scaling, chalked, cracking or peeling paint, from previously painted surfaces, by hand scraping, sanding, wire brushing or power tool cleaning methods, such as electric sanders and grinders. Smooth rough paint edges to the adjacent surface area by feather sanding. Glossy surfaces should be dulled by sanding. Spot prime bare surfaces and allow to dry thoroughly before applying finish coatings. <b>SURFACE REPAIR:</b> Repair/replace all damaged, deteriorated, and surface imperfections with the proper patching compounds or building materials. Surface cracks wider than 1/32" should be routed open to a "U" or "V" shape, dusted cleaned, sealed with Masonry Bonding Liquid and allowed to dry thoroughly. Pack the routed open crack with an elastomeric patching compound. Bridge the crack approximately 2" on both sides of the crack, and center crown directly over the crack 1/32" to allow for thermal movement. Seal surface cracks less than 1/32" wide with an elastomeric patching compound and center-crown for thermal movement. Replace any deteriorated caulk around windows, doors, fixtures, etc. with a quality acrylic caulk. Prime all bare, new, and recently repaired surfaces with the appropriate primer. <b>Masonry &amp; Concrete:</b> Best practices are to allow a minimum 28 days to properly dry/cure. For best results, new stucco or concrete should have a pH of 10 or less. Prime smooth, slick, glazed, poured or pre-cast concrete. <b>Mildew</b> - 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. <b>WARNING!</b> 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 <a href="http://www.epa.gov/lead">www.epa.gov/lead</a> .
<b>PRODUCT APPLICATION:</b>	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, apply two (2) finish coats at a rate of 6.0 – 10.0 mils wet film thickness (WFT) per coat, allowing a minimum of 4 – 6 hours to dry between coats. Apply a small test sample to verify color. Always paint to a natural break in the surface, such as a corner or edge. <b>Brush Applications:</b> 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. <b>Roller Application:</b> 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. <b>Spray Application:</b> When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.021 - 0.025 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!

<b>THINNING:</b>	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.
<b>CLEAN UP:</b>	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.
<b>ESTIMATED COVERAGE:</b>	Covers approximately 160 - 300 square feet per gallon. <i>(Coverage will vary depending on application method, surface porosity and condition of the surface.)</i>
<b>ESTIMATED DRYING TIME:</b>	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>
<b>PRECAUTIONS:</b>	<b>CAUTION: KEEP OUT OF REACH OF CHILDREN!</b> Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Avoid contact with eyes. <b>USE WITH ADEQUATE VENTILATION!</b> 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. <b>DO NOT TAKE INTERNALLY! KEEP FROM FREEZING!</b> <b>FIRST AID:</b> 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

<b>GLOSS @ 60° :</b>	Low Luster   11 - 20 units	<b>FLASH POINT:</b>	N/A
<b>SOLIDS BY WEIGHT:</b>	56.3% ± 2%	<b>SOLVENT SYSTEM:</b>	Water
<b>SOLIDS BY VOLUME:</b>	44.5% ± 2%	<b>AVERAGE DRY TIME:</b>	1 - 2 Hours
<b>V.O.C. :</b>	Not to Exceed 50 g/l (0.42 lb./gal.) <i>(Meets AIM Standards)</i>	<b>PACKAGING:</b>	Gal. – 4/case 5 Gal. – Each
<b>ESTIMATED MIL FILM:</b>	Wet – 6.4 mils @ 250 sq. ft. / gal. Dry – 2.9 mils @ 250 sq. ft. / gal.	<b>WEIGHT PER GALLON:</b>	10.97 lbs.
<b>VISCOSITY:</b>	120 KU ± 3	<b>CLEAN UP:</b>	Warm Soapy Water
<b>VEHICLE:</b>	100% Acrylic	<b>THINNING:</b>	Clean Water

#### **WARRANTY & LIMITATIONS**

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