



VALPSAR DEFENSE®

Exterior 100% Acrylic Flat Paint + Primer

GENERAL DESCRIPTION

Our most advanced exterior protection. Exceptional durability even in the toughest weather conditions. Provides a mold-, mildew- and algae-resistant finish.

Advanced Water Beading Technology: Repels water year-round to help prevent moisture damage. Exceptional defense against fading, cracking, and peeling. High-hiding coverage to block existing stains. **Rain-Ready Technology:** Ready in just 1 hour - guards the freshly painted surface from runs, blisters or water marks once rain showers begin.

Color: Most Colors
Coverage: 250-400 sq ft/gal

Drying Time, @45-90°F, 50% RH:

Touch: 1 Hour
Recoat: 2-4 Hours

Drying Time, @35-45°F, 50% RH:

Touch: 2 Hours
Recoat: 24-48 Hours

Drying and recoat times are temperature, humidity, and film thickness dependent

Finish: 15-30 units @ 60°
Flash Point: 499°F

Tinting with HydroChroma™ :

Base	oz/gal	Strength
Ultra White/Base A	0-6	100%
Base B	10-12	100%
Base C	12-14	100%

Vehicle Type: Acrylic
EV0014001

VOC (less exempt solvents):
<50 g/L; <0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 37 ± 2%
Weight Solids: 48 ± 2%
Weight per Gallon: 10.08 lb

Mildew Resistant

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

APPLICATION

Stir paint thoroughly. Intermix containers for uniformity. When air temperature is 35°F, substrates may be colder; prior to painting, check to be sure the air, surface and material temperatures are above 35° F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 1 hour. Do not apply when air or surface temperatures may drop below 35°F within 48 hours. On large expanses of metal siding, the air, surface and material temperatures must be 50°F or higher. No reduction necessary. Apply with a premium quality brush, a synthetic roller cover or airless spray (2000 PSI, .015"-.019" tip). Some deep or bright colors, surface conditions and application technique may impact coverage and require more than one coat to achieve your optimal coverage. For additional application tips go to Valspar.com.

Brush

Use a premium-quality synthetic brush.

Roller

Use a synthetic roller.

Spray—Airless

Pressure 2000 psi
Tip015"-.019"

CLEANUP INFORMATION

Clean up with warm, soapy water. Do not pour unused contents down the drain. Consult with local authorities for proper method of disposal and recycling.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove surface contaminants with an appropriate cleaner, rinse thoroughly and allow to dry. Remove peeled or damaged paint. Sand glossy surfaces dull. Seal stains with the appropriate primer. Caulk around windows, doors and other openings after spot priming bare surfaces. Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these unpainted woods, the first coat of paint may show some staining, but it will be trapped in the first coat. A second coat will uniform the appearance. If staining persists, spot prime severe areas with a stain-blocking primer.

Previously Painted: Spot prime bare areas, allow to dry and paint entire surface.

Unpainted: Prime the surface with this product before applying the finish coat. Some specific surfaces require specialized treatment.

Vinyl Siding: Repaint vinyl siding with a color similar to the original color to avoid excess heat absorption and to prevent buckling or warping.



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SURFACE PREPARATION

Concrete, Stucco, Masonry, Block, Cement Composition Siding: All new surfaces must be cured. Remove all form release and curing agents. If the pH is higher than 8, prime with a masonry primer. Rough surfaces may be smoothed with block filler. Cracks, voids and other holes should be repaired with an elastomeric patch or sealant. For drastic color changes or deep, vivid colors, prime with this product or an appropriate tintable primer for your optimal color accuracy and coverage.

Clean Mildew from the Surface:

Mildew is a fungus that looks like dirt, but won't wash off. Mildew must be removed before painting or it will grow through any new coat of paint. To remove mildew or suspected mildew, scrub surface before painting with a commercial mildew remover or a solution of 1-part liquid chlorine bleach to 3 parts water. Rinse thoroughly. Avoid contact with skin and eyes. Protect skin and eyes by wearing rubber gloves and eye goggles when working with bleach solution.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.

CAUTIONS

For exterior use only.
Protect from freezing.

LABEL CAUTIONS

4666141: CONTAINS CRYSTALLINE SILICA.

4666139, 4666140, 4873185: CONTAINS CRYSTALLINE SILICA AND ZINC.

All: Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (**NIOSH** approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**