



THE #1 CHOICE OF
PAINTING PROFESSIONALS®

ULTRASHIELD®

Interior/Exterior Galvanized Metal Primer ULGM00-WH



DESCRIPTION: ULTRASHIELD® Galvanized Metal Primer is a premium, high performance, ultra-low VOC, low odor, single component, interior/exterior non-ferrous and interior ferrous metal primer. It provides excellent adhesion to properly prepared and etched galvanized metal and other non-ferrous metals: aluminum, brass, and copper. It is formulated to provide excellent application properties and very good hide. **FOR METAL SUBSTRATES ONLY.**

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne | **RESIN TYPE:** Acrylic Copolymer

FINISH (ASTM D 523): 7–12% on a 60° meter

COLORS: White. ULTRASHIELD Galvanized Metal Primer may be tinted with up to 2 fl. oz. of Dunn-Edwards ZTC Zero VOC colorant per gallon.

TINT BASES: White

VISCOSITY@77°F/25°C (ASTM D 562): 95–105 KU

MAXIMUM VOC CONTENT 50 g/L (as supplied)	MAXIMUM RAVOC (Reactivity-Adjusted VOC) 20 g/L
--	--

SOLIDS BY VOLUME (ASTM D 2697) 41.6%	SOLIDS BY WEIGHT 54.1%
--	----------------------------------

WEIGHT PER GALLON (ASTM D 1475): 10.57 lbs.

COMPOSITION BY WEIGHT

Pigment—29.2%	Vehicle—70.8%
*Prime pigments 10.3	Acrylic resins 22.7
Reinforcing pigments 18.9	Water & additives 48.1

*Prime pigments include titanium dioxide (TiO₂), plus all other pigments directly adding to the hiding power of this paint.

RECOMMENDED FILM THICKNESS PER COAT

Wet: 4.8 mils | Dry: 2.0 mils

PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 275–325 sq. ft. per gallon, depending on surface conditions and application techniques.

THINNING RECOMMENDATION: This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

AVERAGE DRY TIME@77°F/25°C

To touch: 30–60 minutes | Recoat: 2–4 hours
Dry times and recoat times are temperature, humidity and film thickness dependent.

APPLICATION EQUIPMENT: Brush, roller, airless spray.

PACKAGING: Quart, one-gallon, five-gallon containers

STORAGE: Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at dunnedwards.com for more information.

CLEANUP: Warm, soapy water

DISPOSAL: For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at (888) DE PAINT or visit www.dunnedwards.com. **Do not mix with other products.**

CONFORMS TO: ARB 2007 SCM & CALGreen 2016; LEED 2009 IEQ Credit 4.2

SAFETY DATA SHEET: Available at www.dunnedwards.com

SURFACE PREPARATION: All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

SPECIAL INSTRUCTIONS

- **CAUTION!** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Wear a NIOSH-approved N95 particulate filter mask to avoid breathing dust. Use a HEPA vacuum for cleanup, and finish by water-washing all surfaces. For more information, see Dunn-Edwards brochure on “Surface Preparation Safety” or call U.S. EPA’s lead hotline at 1-800-424-LEAD, or visit www.epa.gov/lead or / asbestos, or contact your state or local Health Agency.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- Due to the various types of surfaces, always test a few different areas for adhesion.
- Galvanized metal must be cleaned with a solvent or a water-soluble degreasing cleaner to remove all oils prior to etching. Change wiping material and cleaning solution frequently so the oils are removed from the surface, not just spread around. Surface should then be etched with **Supreme Chemical Metal Clean & Etch (SC-ME01-1)**.
- ULTRASHIELD Galvanized Metal Primer must be recoated within 7 days to ensure proper adhesion of the finish coat.
- Do not apply when the air or surface temperature is below 50°F. Avoid using if rain or snow is expected within 2-3 hours, as in colder temperatures, it may require longer time before the paint film cures enough not to be affected by rain or snow

PRIMERS

METAL

Ferrous:	BLOC-RUST® Premium (BRPR00) or ENDURAPRIME™ Metal Primer (ENPR00)
Non-ferrous:	ULTRASHIELD® Galvanized Metal Primer (ULGM00) or BLOC-RUST® Premium (BRPR00)
Galvanized steel:	ULTRASHIELD® Galvanized Metal Primer (ULGM00) or *ULTRA-GRIP® Premium (UGPR00)

*for incidental use on galvanized

HEALTH & SAFETY CAUTIONS: INHALATION OF SPRAY MIST OR SANDING DUST MAY BE HARMFUL. Use only with adequate ventilation. Avoid breathing vapors, spray mist and sanding dust. Wear NIOSH-approved N95 particulate filter mask when spraying or sanding. Avoid contact with skin and eyes. Do not ingest. Close container after each use. **FIRST AID:** If swallowed, immediately give 1 or 2 glasses of water to drink – for emergency information, call 1-800-222-1222. If having difficulty breathing, move to fresh air. For eye contact, immediately flush with water for 15 minutes. For skin contact, wash thoroughly with soap and water.

• **KEEP OUT OF REACH OF CHILDREN** •

Ingredient (CAS #): Water (7732-18-5) Copolymer Resin (Proprietary)
Nepheline Syenite (37244-96-5) Titanium Dioxide (13463-67-7) Talc,
Non-Asbestos (14807-96-6).

⚠ **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov