



**Coatings Excellence Since 1899**

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## PRODUCT DATA SHEET

4/7/2014 - This document supercedes all previous product data sheets.

### WeatherBrite - DTM - Gloss Enamel Hi Hide White

**Product Code: 026107**

#### DESCRIPTION

WeatherBrite - DTM - Gloss Enamel represents "state of the art technology" in high gloss metal coatings. WeatherBrite has outstanding weatherability providing excellent gloss and color retention. WeatherBrite's direct to metal adhesion is excellent, even on galvanized metal. WeatherBrite will also adhere to wood, masonry, aluminum siding, masonite, cement, asbestos, and many other coatable substrates; however, before using WeatherBrite over an existing oil base coating, test a small area as adherence can vary with age and type of existing coating.

#### FEATURES

- Quick Dry Time
- Excellent Durability
- Excellent Adhesion
- Corrosion Resistance
- Excellent Color Retention
- One Coat Application

#### SURFACE PREPARATION

Surface should be dry and free of loose paint, rust, scale, dust, mildew, heavy chalking, oil, grease, etc.. Remove loose rust and unsound paint by power washing. Remove mildew, dirt and chalk by washing mildewed surfaces with a solution of 50% bleach and 50% clean water. Apply the solution to mildewed areas using a low-pressure garden sprayer. Thoroughly soak the areas to be treated and allow for it to stand for at least 2-3 hours. Power wash (rinse) the surface, allow it to dry and proceed with painting when all treated areas are completely dry. Wear adequate clothing to protect skin, goggles to protect eyes and wear rubber gloves when spraying the bleach solution. A more professional method is to lightly sandblast the surface followed by broom cleaning to remove debris, then followed by above wash solution and allowing surface to dry completely.

Galvanized Steel: Self-priming over galvanized metal and all uncoated ferrous metal with just surface rust. For severely corroded metal we suggest spot priming with Sampson's WeatherBrite DTM Primers, 026400 Red or 026800 Gray to help smooth out the surface which will allow the topcoat to develop its full gloss.

NOTE: Before using WeatherBrite over existing old paint, test a small area. Adherence can vary with age and type of existing coating.

#### APPLICATION

Paint is ready to apply from the can. Do Not Thin. Just stir thoroughly. Temperature of paint and substrate must be above 45°F for application. Two topcoats are recommended to bring out full gloss development. Do not paint hot metal or in direct sunlight as this product dries very quickly.

#### PHYSICAL PROPERTIES

Vehicle Type:	Styrenated Acrylic
Flash Point:	None
Weight Solids:	47 - 51 %
Volume Solids:	35 - 39 %
Weight Per Gallon:	10.0 - 10.4 lbs/gal
Stormer Viscosity (25°C):	83 - 87 K.U.
60° Gloss:	90+
English VOC:	< 1.6 lbs/gal
Metric VOC:	< 190 g/l
pH:	8.25 - 9.25
Dry to Touch:	1 - 2 hrs
Dry to Sand/Recoat:	4 - 6 hours
Coverage:	598 sq ft (1 mil dry film)
Application Method:	Spray, brush, roll
Clean Up Solvent:	Warm Soapy Water

#### RECOMMENDED COVERAGE

Coverage rate is 350-400 square feet per gallon. Expect lower coverage rates on rough, porous surfaces.

#### CLEAN UP

Clean up application equipment quickly with clean water. This product dries very quickly. Wrap brushes in saran wrap during delays in application.

#### CODE ----- COLOR ----- SIZE

02610701	----- White -----	One Gallon
02610705	----- White -----	Five Gallon
02643701	----- Red -----	One Gallon
02643705	----- Red -----	Five Gallon
02661701	--- Hunter Green ---	One Gallon
02661705	--- Hunter Green ---	Five Gallon
02663701	---- Dark Green ---	One Gallon
02663705	---- Dark Green ---	Five Gallon
02680701	----- Gray -----	One Gallon
02680705	----- Gray -----	Five Gallon
02690901	----- Black -----	One Gallon
02690905	----- Black -----	Five Gallon

**SAFETY:**

Before starting any of the following procedures, be sure you have and use Personal and Environmental Protective Equipment for all hazards involved. Please read the Material Safety Data Sheet information before using this product.

**ADVISORY:**

The National Paint and Coatings Association (NPCA) has determined that 80% of all paint and coatings failures can be directly related to improper or inadequate surface preparation.

National Paint and Coatings Association, [www.paint.org](http://www.paint.org)

**ALERT**

**HARMFUL OR FATAL IF SWALLOWED;  
PROTECT FROM FREEZING!**

**PRECAUTIONS:**

Dry times are based on laboratory tests at 77 °F and 50% relative humidity. Low temperature, high humidity, heavy application and excessive film build will extend drying times.

**WARNING:**

Use only with adequate ventilation. Do not breathe vapors or spray mists. Ensure fresh air entry during application and drying. If sanding, applying by spray application, or you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor mist levels above applicable limits, wear an appropriate properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

If you scrape, sand or remove old paint from any surface, you may release lead dust or other chemical dust hazards. 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 dust exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

National Institute for Occupational Safety and Health, [www.cdc.gov/niosh/programs/](http://www.cdc.gov/niosh/programs/)  
Mine Safety and Health Administration, [www.msha.gov](http://www.msha.gov)

**FIRST AID:**

If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY. In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water.

**SPILL:**

If spilled, contain spilled material and remove with inert absorbent.

**DISPOSAL:**

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

**STORAGE:**

Keep from freezing.

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