

**Self-etching Gray Primer**


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**Product Data Sheet**


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**PRODUCT DESCRIPTION:**

**Van Sickle® Self-Etching Primer** Primer increases resistance to rust, corrosion and stains. It is specifically formulated to provide outstanding adhesion to a variety of surfaces including cold and hot rolled steel, stainless, aluminum, galvanized, fiberglass and most plastic surfaces. It can be used as a primer or "tie-coat" that can be re-coated in 1 hour with a variety of finish coats.

**TYPICAL USES:**

For use when an extremely fast dry primer is desired. This fast dry primer enables Top-Coating within 1 hour after application of the primer coat. The Quick Dry Time allows the application of both a primer, and finish coat, within the same day. Also, an excellent all-around, fast dry primer, for many projects that require a finish coat to be applied shortly after priming.

**BASES & COLORS:**

167Self-etching Gray Primer

**PHYSICAL PROPERTIES:**

PRODUCT NUMBER:	167
GENERAL TYPE:	Self-etching
COLOR:	Gray
SOLIDS BY WEIGHT:	34.8%
THEORETICAL COVERAGE @ 1 MIL DFT:	
	332Sq.Ft/Gal
RECOMMENDED DFT:	1 mil
VISCOSITY @ 78°F:	17"-19" #2 Zahn
	Cup
WEIGHT PER GALLON:	8.24 lbs.
FLASH POINT:	1°F
VOC:	586 G/L

**SURFACE PREPARATION:**

For best results, all surfaces must be clean, dry and free from wax, oil, grease, dirt mildew, loose rust and any other contaminants. Wash surfaces with a mild detergent in hot water, rinse well and wipe dry with a clean dry cloth. Prior to painting, clean with generous amounts of Van Sickle® PC-50 Pre-clean, changing rags frequently. Remove any rust and corrosion and sand glossy surfaces with 320-400 grit sand paper and repair body damage. It may be necessary to re-clean surface after prep work. Improper cleaning may result in improper cure, loss of adhesion and film imperfections.

Chemical cleaning is preferred. However, other cleaning methods may be acceptable, depending on condition and type of contaminant on the surface. Old glossy paint films must be sanded or treated with a de-glossing solution so the new paint can adhere to the old. On previously painted surfaces al bare metal must be spot primed. Loose rust, mill scale and loose paint should be removed by chipping, scraping, sanding, grinding or sandblasting. Feather sand rough edges and imperfections. Prime all ferrous metal surfaces immediately after preparing the surface to prevent flash rusting.

**APPLICATION:**

This primer can be sprayed with all types of application equipment. It is best applied in two medium wet coats to build the desired dry mil thickness. For airless application, no reduction is necessary. Airless tip sizes should be in the .009-.011 range. Adjust pressures accordingly for best atomization and transfer efficiencies. Air-assist airless pressures will be in the 800-1,000 lb. range for fluid, and 30-60 lb. range for atomizing air. For conventional air spray, no reduction is necessary. If thinning is required, use Xylene or, if VOC's are restricted, use Acetone. Pressures will be dependent upon the type of gun and fluid nozzle, but air pressures will typically be in the 45-60 lb. range.



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### **ENVIRONMENTAL VARIABLES:**

Apply only when surface and air temperatures are between 50° and 90°F. Avoid painting on hot days, in direct sunlight or late in the day when dew is likely to form. Cool, wet, humid or over-applied coatings can greatly increase through cure and interfere with proper film formation. Do not apply at temperatures below 40°F.

### **Dry-Times:**

Recoat times may vary according to film thicknesses and curing conditions, but typically Van Sickle® Self-Etching Primer will be tack free in 5 – 10 minutes and can be recoated in 1 hour. This primer can be re-coated at later dates as long as care is taken to keep surfaces clean.

### **CLEAN-UP:**

Tools and equipment immediately with Ketones (MEK) before paint dries. Gun Cleaner can be used to remove dried coating.

### **CAUTIONS:**

For exterior use only,

Do not take internally,

Use with adequate ventilation,

**KEEP OUT OF REACH OF CHILDREN**

**\*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 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](http://www.epa.gov/lead).

For additional Product Information or Safety Data Sheets, please call 800-677-2468, 8:00-5:00 CST Mon.-Fri.

### **Limited Warranty:**

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Van Sickle®Paint does not control the application of its products, or the condition of the surfaces to which they are applied, Van Sickle®Paint's liability will under no circumstances exceed replacement of the product.