

Technical Data Sheet

PRODUCT DESCRIPTION:

Enhance the durability of your projects with Van Sickle Self-Etching Multi-Surface Primer, designed to resist rust, corrosion, and stains. This versatile primer ensures exceptional adhesion to a wide range of surfaces, including ferrous metal, stainless steel, aluminum, galvanized metal, fiberglass, and most plastics. Ideal for projects demanding a fast-drying solution, this primer enables both priming and top-coating within the same day. Its quick-dry formula makes it an excellent choice for time-sensitive applications, delivering convenience without compromising quality. Whether used as a primer or a "tie-coat," it prepares surfaces for finish coats and can be recoated in just one hour.

TYPICAL USES:

Promotes adhesion to a variety of surfaces including ferrous metal, stainless steel, aluminum, galvanized metal, fiberglass, and most plastics.

SURFACE PREPARATION:

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk, and any other contamination that would interfere with new coating adhesion. Existing coatings must be tightly adhered or removed prior to painting. Glossy existing paint surfaces must be sanded or treated with a de-glossing solution. Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. Remove all loose coatings, rust, or corrosion by scraping, sanding, or other abrading method. Blasted surfaces must be primed before flash rusting occurs. All residue must be completely rinsed from the surface. Allow the surface to dry before coating.

APPLICATION:

Stir material thoroughly prior to application and continue through the application process. For best results, apply multiple coats at the recommended dry film thickness to achieve the desired overall film thickness. Sanding between coats is not required. Ensure surface is clean and free of any dust or other contaminants before applying second coat of primer.

Airless Spray: Equipment must be clean prior to start. Flush airless lines with xylene. Apply a wet coat in even, parallel passes with 50% overlap to avoid bare areas and pinholes. If required, crosshatch spray at right angles. Airless tip sizes of 0.009 to 0.011 are recommended. Allow the product to dry between coats.

Air Spray: Equipment must be clean prior to start. Flush fluid lines with xylene. Use a 1.3 to 1.8 fluid needle set. Adjust fluid pot pressure between 15 to 20 psi. Set the atomization pressure to 45 to 60 psi. Using a test piece, start at the lower end of the recommended pressure and increase gradually if needed for proper atomization.

PRODUCT CODES & COLORS

Last two digits of product code represent the unit size
Aerosol (70) Quart (74) Gallon (71)

167 Gray Primer

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REDUCING:

Do not thin.

ENVIRONMENTAL VARIABLES:

Apply only when surface and air temperatures are between 50° and 90°F and at least 5°F above the dew point. Avoid painting in direct sunlight or late in the day when dew is likely to form. The minimums must be maintained for at least 8 hours in order to achieve proper film formation.

DRY TIMES:

Dry times are affected by temperature, humidity, and film thickness. At 77°F and 50% relative humidity, Van Sickle Self-Etching Multi-Surface Primer, if applied at the recommended film thickness, will dry to the touch in 5 to 10 minutes and can be re-coated in 1 hour.

COVERAGE RATES:

The recommended dry film thickness per coat is 1.0 mil. To achieve the recommended dry film thickness, apply the coating at a wet film thickness of 5.0 mils per coat. The coverage rate at the recommended dry film thickness is 300 to 340 square feet per gallon. Coverage rates are estimates based on the product's volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, coating reduction, and surface porosity and texture.

CLEAN-UP:

Use MEK to clean all tools and equipment immediately after use.

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.**

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.

PHYSICAL PROPERTIES

Product Number	167
General Type	Alkyd
Color	Gray
Solids by Weight	35%
Solids by Volume	21%
Viscosity at 78°F	17"-19" #2 Zahn Cup
Weight per Gallon	8.24 lbs.
VOC	<580 g/L

APPLICATION INFORMATION

Practical Coverage at Recommended DFT	300 to 340 sq ft/gal
Recommended DFT	1.0 mil
Recommended Air Temperature at Application	Between 50° and 90°F and 50% R.H.
Dry to Touch at 77°F and 50% R.H.	5 to 10 minutes
Recoat At 77°F and 50% R.H.	1 hour
Recommended Airless Spray Tip Size	0.009 to 0.011
Thinning for Spray Application	Do not Thin