



Architectural Coatings

PPG Break-Through! Interior/Exterior Sanding Primer

GENERAL DESCRIPTION

Break-Through! Interior/Exterior Sanding Primer is a sandable primer to be used on interior, properly prepared, previously painted or bare wood surfaces, including MDF, plywood, and particle board. This product also works well as a sanding primer for interior plastic composites. Not intended as a stain-blocking primer.

RECOMMENDED SUBSTRATES

Plywood
Particle board
Interior plastic composites
Wood

PRODUCT INFORMATION

VAN79-1 Sanding Primer

FEATURES / BENEFITS

Great Enamel Hold Out
Powders Easily
Excellent Adhesion
Water-Borne Acrylic

PACKAGING

1-Gallon (3.78 L)

PRODUCT DATA

PRODUCT TYPE: Water-Borne Acrylic
VOLUME SOLIDS: 41% +/- 2%
WEIGHT SOLIDS: 56% +/- 2%
WEIGHT/GALLON: 11.2 lbs. (5.0 kg) +/- 0.2 lbs. (91 g)
VOC: <200 g/L (1.7 lbs./gal.)

COVERAGE: Approximately 300 to 400 sq. ft. (28 to 37 sq. meters) per U.S. gallon (3.78 L) on primed, smooth, nonporous surfaces.

Wet Film Thickness: 4.0 to 5.3 mils
Wet Microns: 102 to 135
Dry Film Thickness: 1.6 to 2.2 mils
Dry Microns: 41 to 56

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.
To Touch: 15-30 minutes
To Sand: 30-45 minutes
To Recoat: 2 hours

Allow 24 hours before normal use. Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Clean tools with warm, soapy water.
Danger – Rags, steel wool or waste soaked with *Break-Through!* paint may spontaneously catch fire if improperly discarded. Immediately after each use, place rags, steel wool or waste in a sealed water-filled metal container.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: 152°F (67°C)

GENERAL SURFACE PREPARATION

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. Putty all nail holes and caulk all cracks and open seams. Sanding is not required on most surfaces, if the surface is properly and thoroughly cleaned. Sanding is required on plastic composites.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

APPLICATION INFORMATION

Stir thoroughly, three to five minutes. Apply with a high-quality brush, roller (1/4" nap), paint pad, or by airless spray equipment.

Apply only when air, product, and surface temperatures are between 50°F (10°C) and 90°F (32°C). USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Airless Spray: Pressure 1500 to 2000 psi; tip 0.011" to 0.015", adjust pressure as necessary. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brush: High quality Brush

Roller (nap roller cover): 1/4"

Thinning: Do not thin.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 90°F	10 to 32°C
Substrate:	50 to 90°F	10 to 32°C

PROTECT FROM FREEZING.

PRECAUTIONS

WARNING! HARMFUL IF INHALED. HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT, EYE, AND SKIN IRRITATION. Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, and nausea and may lead to unconsciousness. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray, or mist arising from the application of this preparation. Use personal protective equipment as required. **DANGER – RAGS, STEEL WOOL, OR WASTE SOAKED WITH BREAK-THROUGH! PAINT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL, OR WASTE IN A SEALED, WATER-FILLED, METAL CONTAINER.** FIRST AID: If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention immediately. If inhaled, remove to fresh air. Call physician immediately. Contains isothiazolinones. May cause allergic reaction. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515.

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