



Architectural Coatings

PPG Acri-Shield Max Exterior Acrylic Primer

GENERAL DESCRIPTION

Acri-Shield Max Exterior Acrylic Primer is a unique, exterior, oil modified, acrylic primer for bare wood and old, chalky paint surfaces. It is used for all types of new or previously painted commercial, institutional and residential exterior wood surfaces such as siding, trim, eaves, facias, shutters, fences, etc. It can be used over both latex and alkyd paints (it is ideal for bridging from old oil paint systems to acrylics), and can be used over tannin containing woods which will stain through other water based primers. Apply at temperatures 35°F to 100°F.

RECOMMENDED SUBSTRATES

Old, chalky painted surfaces
Wood

CONFORMANCE STANDARDS

VOC compliant in all regulated areas

PRODUCT INFORMATION

515-00 White

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PACKAGING

1-Gallon (3.78 L)
5-Gallon (18.9 L)

FEATURES / BENEFITS**Features**

Outstanding acrylic wood prime
Adheres to chalky surfaces
Fast drying
Resists tannin bleed
Application Down to 35°F (2°C)

PRODUCT DATA

PRODUCT TYPE:	Modified Acrylic Latex
SHEEN:	Flat
VOLUME SOLIDS:	44% +/- 2%
WEIGHT SOLIDS:	57% +/- 2%
WEIGHT/GALLON:	10.9 lbs. (4.9 kg) +/- 0.2 lbs. (91 g)
VOC:	<200 g/L (1.7 lbs./gal.)

COVERAGE: Approximately 200 to 450 sq. ft. (19 to 42 sq. meters) per U.S. Gallon (3.78L).

Wet Film Thickness:	3.6 mils to 8.0 mils
Wet Microns:	91 to 203
Dry Film Thickness:	1.6 mils to 3.5 mils
Dry Microns:	41 to 89

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.

To Touch:	30 minutes
To Recoat:	1-2 hours
To Full Cure:	30 days

Drying times listed may vary depending on temperature, humidity, film build, and air movement. For example, product applied at 35°F (2°C) would require a minimum of 24 hours before recoat.

CLEANUP: Clean tools with warm, soapy water. DANGER - RAGS, STEEL WOOL, OR WASTE SOAKED WITH ACRI-SHIELD MAX PRIMER 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: Over 200°F (93°C)

Benefits

Provides flexibility and breathability
Prevents peeling
Saves time with quick recoats
Minimizes staining
Extends the painting season

GENERAL SURFACE PREPARATION

: Surface must be clean and dry. Remove dirt, mildew, grease, and other surface contaminants. Remove loose paint and excessive amounts of chalk by wire brushing, scraping, sanding, and/or pressure washing. Blistering and peeling issues are commonly caused by moisture behind the paint film. Putty all nail holes and caulk all cracks and open seams. Sand all rough and patched surfaces. Feather back all rough edges to sound surface by sanding.

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. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth and wiped clean. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime. Staining or tannin bleeding woods (like cedar or redwood) require two coats. The first coat must be completely dry before re-coating. For optimum tannin blocking performance, allow the first coat to dry a full 24 hours prior to the application of a second coat.

PREVIOUSLY PAINTED AND WEATHERED WOOD: Excessive chalk must be removed by cleaning and the surface rinsed thoroughly. Remove all loose, peeling, or flaking paint by scraping or sanding. Feather back all rough edges to sound surface by sanding.

LIMITATIONS OF USE

FOR EXTERIOR USE ONLY. Apply only when air, surface, and product temperatures are between 35°F (2°C) and 90°F (32°C) and at least 5°F (3°C) above the dew point. Air and surface temperatures must remain between 35°F (2°C) and 90°F (32°C) for the next 48 hours. For exterior applications, avoid painting in direct sunlight or on hot surfaces. Do not apply late in the day when dew and condensation are likely to form or if rain or snow is expected.

Not recommended for use on steps or decks.

PROTECT FROM FREEZING.

While this product provides a mildew resistant coating, growth may still occur if the substrate is not properly prepared prior to painting and/or if the substrate is consistently exposed to conditions conducive to mold, mildew, and algae.

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, intermix to ensure color uniformity. 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.

Application Equipment: Apply with a high quality brush, roller, paint pad, or by spray equipment.

Airless Spray: Pressure 1500 to 2000 psi; tip 0.015" to 0.021". 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: Polyester/Nylon Brush

Roller (nap roller cover): 3/8" - 3/4"

Thinning: Do not thin.

Permissible temperatures during application:

Material:	35 to 90°F	2 to 32°C
Ambient:	35 to 90°F	2 to 32°C
Substrate:	35 to 90°F	2 to 32°C

PRECAUTIONS

WARNING! HARMFUL IF INHALED. HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. 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. Ingestion of products containing ethylene glycol may damage kidneys and liver and has been shown to cause birth defects in laboratory animals. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. 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 ACRI-SHIELD MAX 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. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information.** **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. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. 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 (U.S.).

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