

Architectural Coatings

 Super Premium Acri-Shield[®] Deck, Fence & Siding Acrylic/Oil Semi-Transparent Stain

GENERAL DESCRIPTION

Acri-Shield[®] Exterior Semi-Transparent Stain is deeply penetrating acrylic/oil exterior wood stain that adds color while allowing wood's natural grain and texture to show through. It combines the penetrating capabilities of oil with the superior weathering properties of acrylic. Can be used for sealing, protecting and coloring rough-sawn or smooth, new or weathered, exterior pressure-treated wood, cedar and redwood. It is ideal for wood decks, siding, trim, shingles, shakes, fences, and more and can be used on damp or dry wood.

RECOMMENDED SUBSTRATES

Wood

APPLICATION INFORMATION

Stir thoroughly before using and often during use. When using more than one can of the same color, intermix to ensure color uniformity. **Pretest:** Apply to a small non-conspicuous area such as under the eave, and allow to dry to ensure acceptable appearance and penetration. If the product is not absorbed into the surface and is still tacky after 12 hours, the surface is not suitable for staining.

USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Application Equipment: Apply with a high quality brush, roller, paint pad or spray equipment. Always back brush for best results. To help avoid lapmarks, apply to only a few boards at a time keeping a wet edge. Coat ends and edges of boards thoroughly. Do not saturate or puddle on horizontal surfaces.

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: Natural bristle or synthetic brush

Roller: High quality roller cover

Spray: Compression or garden-type sprayer. If using an airless sprayer, the lowest possible pressure setting needed for a reasonable spray pattern is recommended.

Thinning: DO NOT THIN.

Permissible temperatures during application:

Material:	50 to 85°F	10 to 29°C
Ambient:	35 to 85°F	2 to 29°C
Substrate:	35 to 85°F	2 to 29°C

FEATURES / BENEFITS

Features

Unique penetrating acrylic/oil resin

Application down to 35°F (2°C)

Easy one coat application

Superior color retention and U.V. protection

Contains mildewcide

TINTING AND BASE INFORMATION

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

PP1952 Neutral Base/Clear*

*Tinting is recommended. May be used without colorant as a clear coat.

PRODUCT DATA

PRODUCT TYPE:	Acrylic/Oil
VOLUME SOLIDS:	18% +/- 2%
WEIGHT SOLIDS:	20% +/- 2%
WEIGHT/GALLON:	8.3 lbs. (3.8 kg) +/- 0.2 lbs. (91 g)
VOC:	230 g/L (1.9 lbs./gal.)

COVERAGE: Approximately 250 to 350 sq. ft./gal. (23.2 to 32.5 sq. m/3.78L) depending upon surface texture and porosity.

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

DRYING TIME: Normally dries in 24 hours when applied in temperatures of 50°F (10°C) to 85°F (29°C). High humidity or low temperature application may prolong drying time. It is not recommended to apply product if rain is expected within 24 hours.

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEAN UP: Clean brushes and tools with warm soapy water.

Danger: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.ppgac.com, spontaneous combustion advisory for additional information.

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: 200°F (93°C)

Benefits

Can be used on damp or dry wood for same-day cleaning and staining. Also provides easy soap and water clean up

Extend your staining season

Saves time and money

Maintains appearance longer

Protects from mold or mildew growth on the stain surface

GENERAL SURFACE PREPARATION

Surface must be clean and free of all dust, dirt, mildew, oil and other contaminants. Can be used on slightly damp or dry wood. Use a squeegee or old towel to remove puddled water from deck. Allow surface to dry prior to staining. Remove grade stamps, pencil marks, etc. by sanding. Repair construction defects and sand as necessary.

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.

DECK & FENCE: Clean weathered, dirty or mildewed surfaces with PPG Deck Cleaner prior to applying product.

SIDING: Remove and inhibit mildew with PPG MILDEW CHECK® Multi-Purpose Wash, 18-1. Before use, be sure to read and follow the instructions and warnings on the label.

EXTRACTIVE BLEEDING: Some woods, such as redwood and cedar contain natural water-soluble colorings or extractives that tend to "bleed" or migrate to the surface. If extractive bleeding occurs, allow the coating to dry completely, then wash with a mild detergent solution and rinse with clear water.

LIMITATIONS OF USE

FOR EXTERIOR USE ONLY. Apply when air and surface temperatures are 35°F (2°C) or above and when the air and surface temperatures will remain above 35°F (2°C) for the next 24 hours. Surface temperature must be at least 5°F (3°C) above the dew point. Avoid staining late in the day when dew and condensation are likely to form or if rain is expected within 24 hours. Avoid staining in direct sunlight or on a hot surface. Do not apply over sealed surfaces.

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. Examples of these conditions include, but are not limited to, under eaves, behind shrubbery and trees, and in areas that are consistently damp with little to no direct sunlight.

PACKAGING

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

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.ppgporterpaints.com

Technical Services
1-800-441-9695
1-888-807-5123 fax

Architect/Specifier
1-888-PPG-IDEA

PPG Canada, Inc.
Architectural Coatings
4 Kenview Blvd
Brampton, ON L6T 5E4

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