



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 4450

FLOOR-TITE WATERBORNE EPOXY-ESTER BONDING SURFACER

PRODUCT DESCRIPTION

Richard's Floor-Tite Waterborne Epoxy-Ester Bonding Surfacers is a waterborne modified epoxy sealer/surfacer that is formulated for application directly to porous and some non-porous concrete substrates, such as carport and garage floors. Its special formulation is designed to provide a more compatible painting substrate for the application of various types of floor and architectural coatings. It reinforces and penetrates the substrate, thus promoting superior adhesion characteristics for the application of a wide range of latex and oil/alkyd-based coatings, industrial oil and acrylic coatings and solvent epoxies. **FOR INTERIOR AND EXTERIOR USE!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

**CARPORT FLOORS * GARAGE FLOORS * PATIOS * CATWALKS * BALCONIES * SIDEWALKS * BRICK
POURED CONCRETE * PREVIOUSLY PAINTED SURFACES**

PRODUCT FEATURES

**APPLICATION VERSATILITY * ALKALI RESISTANT * REINFORCES THE SURFACE * PENETRATES THE SURFACE
IMPROVES ADHESION QUALITIES * APPLIES TO NON-POROUS SUBSTRATES**

PRODUCT SPECIFICATION DATA

* COLORS:	Clear Translucent
* FINISH:	Flat
* FLASH POINT:	N/A
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not to Exceed 3.34 LB/GAL. - (400 GRAMS/LTR.)
* SOLIDS:	By Volume: 23.62% ± 2% By Weight: 30.80% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.0 mils - (Estimated at 400 Square Feet per Gallon). Dry: 0.9 mils - (Estimated at 400 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on type of application and the porosity of the surface area to be painted.
* CLEAN UP:	Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to the touch in approximately 1 - 2 hours, for recoat in 4 - 6 hours, or after overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 11.81%

VEHICLE: 88.19%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

GENERAL: The entire surface area to be painted should be clean, dry, sound and free from all dirt, dust, grease, oils, waxes, mildew and any other surface contaminants. Remove any loose scale, chalked, cracked and peeling paint from previously painted substrates by thoroughly pressure washing the entire surface area. For best results, it is recommended to use a unit with a minimum of 2000, psi of water pressure. More difficult areas should be hand scraped, sanded, wire brushed and/or power tool cleaned. Repair/replace any damaged and/or delaminated surface areas.

Mildew - Surface areas affected by mildew should be washed with a commercial mildew removal product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

*** NOTE: Although Floor-Tite Is Formulated To Be Directly Applied To Smooth, Non-Porous Substrates, It Is Recommended To Acid Wash Highly Slick Masonry Substrates With A Solution Of "Muriatic Acid" And Water To Maximize The Adhesion Qualities That This Product Provides!**

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 a 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.

PRODUCT APPLICATION

Richard's Floor-Tite Waterborne Epoxy-Ester Bonding Surfacer applies easily with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply with a brush and/or roller cover to effectively work product into surface pores. If applying with a brush, use on/in small surface areas such as trim or cutting in larger surface areas. If applying by roller cover, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive respreading and reworking. Always maintain a wet edge by rolling into previously applied coating area. If applying by airless spray, it is recommended to use a unit with a minimum 2000 psi of pressure with a 0.013 to 0.017 fluid spray tip. Back-roll the surface area during spray application to work product into surface pores, ensure proper adhesion and an even application. Avoid application outside when weather conditions are threatening and late in the afternoon when there is a threat of moisture condensing on wet paint. Apply when the surface and ambient temperatures are above 55° F and below 90° F. **Keep From Freezing!**

PRECAUTIONS

CAUTION: KEEP OUT OF REACH OF CHILDREN! Avoid prolonged contact with skin and breathing of vapors and/or spray mists. **USE WITH ADEQUATE VENTILATION!** Where ventilation is inadequate, use a suitable respirator. When spraying this material, use an OSHA approved cartridge respirator. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!**

FIRST AID: In case of skin contact, wash thoroughly with plenty of soap and water. For eye contact, flush thoroughly with plenty of water for 15 minutes, **Seek Immediate Medical Attention!** If affected by inhalation, move immediately to fresh air. If swallowed, **Do Not Induce Vomiting, Seek Immediate Medical Attention!**

MIXING INSTRUCTIONS & PACKAGING

Stir thoroughly and apply as it comes from the container. **Thinning Is Not Necessary!**

* Pint Cans: N/A

* Quart Cans: N/A

* Gallon Cans: 4 Per Case

* Two Gallon Cans: N/A

* Five Gallon Cans: Each

* Weight Per Gallon: 9.00 lbs.

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