



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 53

SHIELD'S ALL CLEAR CONCRETE FLOOR & DRIVEWAY SEALER / FINISH

PRODUCT DESCRIPTION

Richard's Shield's All Clear Concrete Floor & Driveway Sealer / Finish is a special modified acrylic clear coating, specifically formulated for application as a finish coating for most bare and/or painted concrete substrates. Its special formulation provides a hard and durable gloss finish that also seals the surface, providing excellent wear and abrasion resistance, moisture resistance and easier detergent cleaning. Its product versatility allows for application on a variety of interior and exterior substrates. It applies easily, seals slightly chalked surfaces, has excellent gloss retention, provides excellent weather resistance, is fast drying and cleans up with water.

FOR INTERIOR & EXTERIOR USES!

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED BARE & PREVIOUSLY PAINTED SURFACES:

**PATIOS * DECKS * WALKWAYS * STAIRWAYS * POOL DECKS * STADIUM RAMPS * FLOORS * CATWALKS * LOADING DOCKS
ENTRY WAYS * INDUSTRIAL WORK AREAS * STUCCO * MASONRY * BRICK * CEMENT BLOCK**

PRODUCT FEATURES

**PRODUCT VERSATILITY * DURABLE GLOSS FINISH * EXCELLENT SEALING QUALITIES * WEAR & ABRASION RESISTANT
MOISTURE & WEATHER RESISTANT * APPLIES EASILY * CLEANS UP WITH WATER**

PRODUCT SPECIFICATION DATA

* COLORS:	Clear
* FINISH:	Gloss
* FLASH POINT:	N/A
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed 1.67 LB/GAL. - (200 GRAMS/LTR.)
* SOLIDS:	By Volume: 30.24% ± 2% By Weight: 32.53% ± 2%
* RECOMMENDED MIL FILM:	Wet: 5.3 mils - (Estimated at 300 Square Feet Per Gallon). Dry: 1.6 mils - (Estimated at 300 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 250 - 350 square feet per gallon, depending on the 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 and light foot traffic in approximately 24 hours. Allow a minimum of 72 hours for vehicular traffic, depending on conditions. When relative humidity is 80% or more, allow an extra 1 - 3 hours of drying time before walking on or recoating.

PRODUCT ANALYSIS DATA

PIGMENT: 0.00%

VEHICLE: 100.00%

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 any dirt, grease, oils, waxes, mildew, curing and release agents and any other surface contaminants that may adversely affect the performance of this coating. **All new concrete and masonry substrates must be allowed to dry/cure for a minimum of 7 days before application of this coating!** Smooth, or non-porous type cementitious substrates should be acid washed with a 1:3, Muriatic Acid/water mixture, per gallon solution. Spread solution evenly over surface area and allow solution to effervesce, (boil), the surface area until it stops, approximately 10-15 minutes. This process should create a texture surface area similar to that of a medium to rough grit sandpaper. Rinse the surface area thoroughly with clean water and allow to dry approximately 24 - 48 hours. As stated above, previously painted surface should be clean, dry and sound. Remove any loose, scaling, chalked, cracked or peeling paint by hand scraping, sanding, wire brushing and/or power tool cleaning. Repair/replace any damaged and/or delaminated surface areas. Feather sand smooth all rough paint edges. Glossy surface should be properly dulled. Repair/replace all damaged, delaminated and/or surface imperfections with the proper patching compounds or building materials. Apply touch-up paint to bare areas and or repaint surface area, as necessary, to achieve a uniform paint finish.

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.

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 Shield's All Clear Concrete Floor & Driveway Sealer may be easily applied with a quality brush, roller or airless spray equipment. For best results, it is recommended to apply with a brush and/or roller. Apply in sections only. When applying by brush, apply thin and even coats on small surface areas, such as painting step areas, or cutting-in larger surface areas. When applying by roller, use a minimum 1/4" - 3/8" short nap roller cover. Wet the roller thoroughly with water and squeegee-off excess water. Saturate roller with coating material, roll-off excess, and apply in thin and even coats. Roll out coating slowly to prevent foaming, and use light pressure on roller to prevent roller from sliding or mopping the surface. Avoid any excessive respreading or reworking. Always maintain a wet edge during application by brushing/rolling into previously coated surface area. When applying by airless sprayer, it is recommended to use a unit with a minimum of 2000 psi of pressure with a 0.011 - 0.015 fluid spray tip. During spray application, the surface area should be back-rolled to ensure an even coat application and proper adhesion. Avoid paint application outside when weather conditions are threatening, or late in the afternoon when there is a threat of moisture condensing on wet paint. Apply when surface and ambient temperatures are above 55° F. and below 90° F.

Special Note: Smooth Concrete and/or Smooth Paint Floor Surface Areas May Become Slippery When Wet, After Application Of The Product. It Is Recommended To Apply This Product As A Finish Coating Over Richard's #4600 Series, Step Guard Skid Resistant Textured Floor Coating, Or A More Textured Surface Area So To Minimize The Danger Of Slipping.

PRECAUTIONS

CAUTION: KEEP OUT OF REACH OF CHILDREN! Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Avoid contact with eyes. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. 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! KEEP FROM FREEZING!**

FIRST AID: In case of skin contact, wash thoroughly with plenty of warm soapy water. In case of eye contact, flush with plenty of water for 15 minutes, and get medical attention immediately. If you experience difficulty breathing, leave to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

MIXING INSTRUCTIONS & PACKAGING

Stir thoroughly and apply as it comes from the container. **DO NOT THIN! DO NOT SHAKE!**

* 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: 8.54 lbs.

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