



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 50

SHIELD'S ALL CLEAR 100% ACRYLIC WATERPROOFING SEALER

PRODUCT DESCRIPTION

Richard's Shield's All Clear 100% Acrylic Waterproofing Sealer is a 100% acrylic waterproofing sealer, specially formulated to provide superior protection from moisture penetration and the effects of weathering on a variety of properly prepared substrates. Once applied, it may be painted over with acrylic/latex-based coatings, oil-based coatings, epoxy coatings, urethane coatings and elastomeric coatings. It may also be used as a surface conditioner for lightly chalked painted substrates. It is mildew resistant, blocks graffiti, non-flammable, resists salts and acids, is safe for use on pre-colored cementitious surfaces, aids in the curing process of masonry substrates, is fast drying and easy to apply. It may be mixed with latex-based coatings - (1 part Shield's All to 10 parts latex paint), so to improve products overall weatherability and is non-toxic to humans, animals and vegetation. **ENVIRONMENTALLY SAFE! LOW V.O.C. CONTENT! FOR INTERIOR & EXTERIOR USE!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

MASONRY * WOOD * STUCCO * METAL * CEMENT * STONE * DRYWALL * PLASTER * TILE GROUT * MASONITE SIDING
ASPHALT SHINGLES * POROUS CEMENT FLOORS * BRICK * ASBESTOS SIDING
CHALKY PAINT SURFACES * STONE * SYNTHETIC STUCCO

PRODUCT FEATURES

PRODUCT VERSATILITY * SEALS & WATERPROOFS * DRIES CLEAR * MILDEW RESISTANT * SUPERIOR DURABILITY
NON-FLAMMABLE * ENVIRONMENTALLY SAFE!

PRODUCT SPECIFICATION DATA

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| * COLORS: | Clear - (May be tinted up to 2 oz. with 888 Universal Colorant). |
| * FINISH: | Gloss |
| * FLASH POINT: | Non-Flammable |
| * METHOD USED: | T.C.C. |
| * COATING V.O.C.: | Not To Exceed - 1.67 LB/GAL. - (200 GRAMS/LTR.) |
| * SOLIDS: | By Volume: 16.23% ± 2% By Weight: 16.85% ± 2% |
| * RECOMMENDED MIL FILM: | Wet: 4.0 mils - (Estimated at 400 Square Feet Per Gallon). Dry: 0.7 mils - (Estimated at 400 Square Feet Per Gallon). |
| * ESTIMATED COVERAGE: | Covers approximately 75 - 400 square feet per gallon, depending on the type of application and the porosity of the surface area to be painted. |
| * CLEAN UP: | Warm Soapy Water |
| * THINNING: | Water |
| * ESTIMATED DRY TIME: | Dries to the touch in approximately 1 - 2 hours, for re-coat in 3 - 4 hours, or after overnight dry, depending on conditions. |

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 should be clean, dry, sound and free from all dirt, grease, oils, waxes, mildew and any other surface contaminants. Repair/replace any damaged and/or delaminated surface areas. Remove any loose scale, chalked, cracked and peeling paint from previously painted substrates by hand scraping, sanding, wire brushing and/or power tool cleaning. Lightly sand smooth all rough paint edges to adjacent surface area, as well as all glossy surface areas to a dull sheen level to improve adhesion. All smooth concrete floors should be acid washed to allow for maximum penetration. Repair/replace and 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.

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 may be easily applied with a quality brush, roller, hand pump sprayer or airless spry equipment. For best results, it is recommended to apply Shield's All with a low pressure/hand pump, or airless sprayer. If applying with a brush, apply a smooth and even coat application on small surface areas, such as painting trim or cutting in larger surface areas. If applying with a roller, apply an even coat application in an "M" or crisscross motion, avoiding any excessive respraying or reworking. If applying with a low pressure hand pump, spray an even coat application and back-roll the surface area to effectively work product into surface pores, ensure proper adhesion and an even coat application. If applying with an airless spray, it is recommended to use a unit with a minimum of 2000 psi of pressure with a 0.011 - 0.013 fluid spray tip. Back-roll the surface area, as described above, to ensure proper adhesion and an aesthetic appearance. Avoid paint application outside when the weather is threatening and in the late 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.

PRECAUTIONS

CAUTION: KEEP OUT OF REACH OF CHILDREN! KEEP FROM FREEZING! 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 warm soapy water. In case of eye contact, flush 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. No thinning is necessary - **DO NOT THIN!**

* 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: 8.48 lbs.

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Any additional information regarding our product and/or pricing is available through **Richard's Paint Mfg. Co., Inc.**, or through its local area **Richard's Representative**.