



SHIELDS ALL #50

100% ACRYLIC WATER REPELLENT COATING



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Description:

SHIELDS ALL is a high solids, clear, 100% acrylic water repellent, sealer which is formulated to provide superior protection from moisture penetration and the effects of weathering on a variety of properly prepared substrates. **SHIELDS ALL** is designed as an alternative to the solvent-based water-repellent coatings that contain wax and silicones. Once applied it may be painted over with any type of paint or coating and may also be tinted and used as a latex stain for wood surfaces.

Benefits:

SHIELDS ALL has excellent breathing properties and has Low VOC's. Meets ASTM D446 specifications pertaining to the swelling of wood and Federal Specification SS-W-110C pertaining to water repellency on cement surfaces. Contains No Silicones or Waxes, Environmentally Safe! Mildew Resistant Interior or Exterior Use.

KEEP FROM FREEZING

Do not apply when temperatures are below 50°F.

Coatings should only be applied when ventilation is adequate.

Uses:

SHIELDS ALL acrylic water repellent and sealer can be applied to a wide range of above grade, interior and exterior surfaces including: Concrete, stucco, brick, wood, masonry, metal, stone, drywall, tile, grout, Adobe, wood siding, masonite, asphalt and fiberglass shingles, split face block, EFIS, previously painted surfaces, chalked or alkaline surfaces.

Application:

SHIELDS ALL is supplied ready to use. DO NOT THIN. Mix thoroughly prior to use. Easily applied with a quality brush, roller, airless spray and low pressure hand pump sprayer. Airless spray equipment: minimum 2,000 psi pressure with a .011 - .013 tip. Always apply material to test panel prior to general application. (If you are adding Hy-Tech insulating ceramics to your sealer use a tip size of at least .019 and remove all filters)

Porous Vertical Surfaces:

Start first coat application at the top, apply full even coat with a 6"-8" rundown and back-roll or brush material into surface voids. Apply second coat when the first coat is dry.

Vertical Concrete Surfaces:

Surfaces shall be clean and free of form oils and release agents.

Horizontal Concrete Surfaces:

Apply 2 saturation coats to damp concrete to assist the curing and hardening process. Apply 1 saturation coat to existing horizontal concrete surfaces to dust proof surfaces. Remove excess standing or ponding materials with a clean roller.

Brick:

Apply 1 saturation coat with run-down and back-roll material. Apply second saturation coat when the first coat is dry.

Stucco/Plaster: May be applied to stucco or plaster during the curing process or when fully cured. Apply 1 saturation coat and back-roll materials. Apply second saturation coat when the first coat is dry.

Wood:

Surfaces shall be clean and bare. Pre-treat knots with a small amount of material. Apply a minimum of 2 saturation coats to wood surfaces. Apply second coat when the first coat is dry.

Coverage:

Covers approximately 200-300 square feet per gallon depending on type of application and porosity of the surface to be treated.

Dry Time:

Dries to the touch in 1 - 2 hours, may be recoated in 3 - 4 hours depending on conditions. Clean up any spills, painting tools and equipment with warm soapy water. Cures in 7-10 days.

CAUTION! KEEP OUT OF REACH OF CHILDREN.

DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER EACH USE.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Hy-Tech Thermal Solutions, LLC nor our agents shall be responsible for the use or results of use of this product or any procedures or apparatus mentioned. We recommend that the prospective user determine the suitability of the product for each specific project and for the health and safety of personnel working in the area. For information on safety hazards associated with this product please refer to MSDS sheets.