

Exterior Protection protex

A Clear, Non-gloss Exterior & Interior Protection Of:

Porous/Non-Porous Surfaces • Roof /Siding Surfaces • Outdoor Structures, Patios, Decks, Walkways



Green

- Non-Toxic
- No Heavy Metals
- No Fragrances
- Non Corrosive
- Non Reactive
- VOC Compliant
- Water-Based



Performance

- Sealed Wood
- Painted Surfaces
- Shingles & Metal
- Brick & Stone
- Concrete & Stucco
- Vinyl & Aluminum
- Tile & Grout
- More



Chemistry

- UV Protection
- Corrosion & Abrasion Resistant
- Seals out Water
- Prevents Mold/Algae/Bacterial Growth on Coating

Product Description:

Exterior Protection has been developed as a proactive step in maintaining and beautifying exterior surfaces of both residential and commercial properties while minimizing the unsightly staining and weathering that can make a structure appear old and dated. Exterior Protection can help to maintain the property's value by minimizing common environmental occurrences that prematurely depreciate a structure such as UV impact/fading, mold/algae growth and water penetration/seepage. Exterior Protection can be applied to all exterior surfaces that include: roofs, decks, patios, driveways, walkways, exterior walls, columns, supports and more. Once applied, Exterior Protection coating forms a clear, permanent and fully protective "Shield" to prevent staining, fading, soil accumulation and general degradation of the exterior surfaces.

Product Overview:

Exterior Protection is a high performance coating that penetrates, coats and protects surfaces in one quick step while leaving behind a tough, washable, abrasion/water proof coating. It is clear-drying and leaves a non-shiny finished surface that will not alter the aesthetic of the original surface. While highly water and abrasion resistant, it allows for reasonable water vapor permeance to prevent excessive hydrostatic pressure build-up and/or dry rot. Exterior Protection withstands moisture and resists dirt pickup and is fortified with UV and corrosion inhibitors.

Exterior Protection uses EPA registered antimicrobials to guard against and help protect the coating surface from mold, mildew, odor-causing microorganisms, black fungal staining and bacterial and fungal slime films. Since these materials are built into the molecular structure of the coating, they won't wash off or wear away. This protection lasts the useful life of the coating film. Exterior Protection forms a chemical and abrasion resistant surface while meeting ASTM D5590-00, D3273, D3274 and G-21 requirements for fungal resistance. It meets current VOC requirements (LD-50) and requires no respiratory protective equipment during application. Exterior Protection is a unique technology that is water-based, formaldehyde free, safe & easy to use. For a general description of the typical chemical and physical properties refer to the Material Safety and Data Sheet.

Product Attributes:

Based upon totally green and sustainable technologies • Penetrates and removes bulk soils quickly • Non-corroding and safe for all surfaces • Ideal for use in attics, walls, roofs, basements, crawl spaces, supports, poured concrete slabs/foundations • Can be used over a variety of surfaces such as bare wood, masonry, brick, block walls, stucco, pre-formed concrete, plastic, vinyl, fiber glass, composite, painted surfaces, gypsum (wall board), asphalt shingles and all metal surfaces • Non-hazardous to apply and use • Can be used for industrial, commercial, residential, hospital and school applications.

Environmental & Safety Benefits:

Non Toxic (aquatic & human) • Non-Flammable • Phosphate Free • Biodegradable • Contains No Hazardous Ingredients • No Petroleum Distillates • No Glycol Ethers • No Alkalies • Non-Corrosive • VOC Compliant • Bio-based ingredients NPE-Free • Fragrance Free (no added perfumes)

Storage & Green Disposal:

Product Storage: Store in original, tightly closed containers above (40° F) in a secure area inaccessible to children.

Product Disposal: Wastes resulting from the use of this product may be disposed of onsite.

Container Disposal: Triple rinse (or equivalent). Offer for recycling or reconditioning. Contact your local recycling or reconditioning facility for instructions.

Professional Training Systems:

For information on Owner/Operator, Sales & Marketing or Field Technician Training, Support and Performance Guarantees, contact your RPS representative or distributor by calling 888.328.6653 or visit us at www.riskpreventionsystems.com.

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HEALTH AND HAZARD RATINGS

CATEGORY NFPA HMIS

Health 1 Fire 0 Reactivity 0

TYPICAL PROPERTIES:

Color: Applies white, dries clear

Application Consistency: Brush, Spray and/or Roller

pH 8.0

Weight (ASTM D1475):

8.9 lbs/gallon (1.07 kg/L)

Leveling: Excellent

Water Resistance: Excellent

Detergent Resistance: Excellent

Gasoline Resistance: Very Good

Oil Resistance: Excellent

Abrasion Resistance: Very Good

Coverage:

(Subject to surface being coated. See guide for instruction.)

- Non-Porous: 400-800 ft²/gal
- Semi-Porous: 300-600 ft²/gal

Non-volatile Solids

(ASTM D 2369): 37%

Specific Gravity: 1.07

VOC's (% by weight): 6.71

R.I.: 1.3790

DRYING TIME (ASTM D 1640):

Dry Through:

1 to 2 hours at ambient
High humidity or low temps
retard drying.

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)
-20°F to 250°F (-29°C to 121°C)

WATER VAPOR PERMEANCE (ASTM F 1249):

16.2 perms at 3 mils dry film.
Tested at 100°F (38°C) and 90% RH.

SAFETY:

WET FLAMMABILITY (ASTM D 92)

No flash to boiling, 212°F (99°C)

APPLICATION

Apply evenly to semi-porous surfaces at the rate of 300-600 ft²/gal (wood, stone, asphalt shingles, stucco, poured concrete, cinder block, brick, etc) until a uniform film remains on the surface. It can be used at higher coverages on non-porous surfaces of up to 800 ft²/gal (tile, metal, or finished concrete). Spraying or brushing will give the smoothest surfaces. For optimum performance maintain uniform recommended coverage. To assure the aesthetic appearance, apply product to a small test area prior to complete application. Not recommended for use on floors in high traffic areas.

SPRAY EQUIPMENT

Exterior Protection can be applied with virtually any type of airless and/or electrostatic spray equipment on the market today. Reversible cleaning 0.011" to 0.015" spray tips are recommended for optimum application. Average viscosity range 50-100 cps.

IMPORTANT

The surface to be coated with Exterior Protection must be free of grease, oil and other soil to insure proper bonding. Scrub with appropriate DIZOLV Cleaner or DSINFX Antimicrobial, rinse (as needed) and allow to dry. Stain removal is not required for bonding, though badly discolored or uneven surfaces may be treated with Hydrogen Peroxide Cleaner for a more uniform appearance. When applying Exterior Protection proper personal protective equipment must be used. Necessary equipment and clothing are the same as would be used when applying other water based paints or coatings. Ensure that the application area is well ventilated during application to avoid build-up of aerosolized coating. Appropriate respiratory protection must be used when applying by spraying. Use of a respirator with organic vapor cartridges is suggested if adequate ventilation can not be achieved. After application of Exterior Protection coating continue to ventilate the area to ensure proper drying of the coating and to exhaust odors.

CLEAN-UP

Use fresh water to clean equipment before product dries. Dry product may be removed with undiluted pine oil or citrus based cleaners, or with nonflammable chlorinated solvents.

MAINTENANCE

For best performance an annual inspection via a Mold Proof/Risk Prevention Systems ASC (Authorized Service Company) with acceptable credentials (Certified Mold Inspector) is recommended.

LIMITATIONS

Do not store or apply below 40°F (4°C) or above 120°F (49°C). Protect from freezing until dry. Surface must be clean, dry and free of wax, grease, oil, dirt, and other surface contaminants before the product is applied. This product does not protect users or others against bacteria, viruses, germs, or other disease organisms. It does not take the place of normal cleaning & disinfecting procedures. For interior and exterior use.



**Qualified for use with:*



Keep out of Reach of Children • Stir Well Before Use

Distributed By Risk Prevention Systems

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