

NewLook® International, Inc. ProtéShield™

Technical Data Sheet



NewLook International, Inc. ProtéShield™ is a water-based inorganic elastomeric polymer sealer designed to penetrate, waterproof, seal, and protect various porous surfaces. Surfaces and materials that are frequently exposed to water and other liquids are ideal applications for ProtéShield™. This product is very versatile in use and application across many types of surfaces and jobsite conditions.

PRODUCT USES

- Recommended for sealing, waterproofing, winterizing and protecting most porous building materials such as concrete, pavers, concrete block, brick, precast concrete, plaster, drywall, GFRC, gypsum board, stone, tile, ceramics, foam, canvas, veneer, overlays, asphalt, wood, and most types of metal (copper, brass, steel, aluminum, gold, iron). Given the wide variety of uses, please see NewLook or Distributor for more information.
- Large Horizontal Applications: Theme parks, city parks, parking lots, airports, roads and highways, bridge decks, piers, schools, helipads, tunnels, pipes, decks, walkways, and driveways.
- Large Vertical Applications: Foundation walls (above grade and below), bridges, sound and barrier and retaining walls, fencing, towers, buildings.
- After cleaning interior and exterior surfaces of mold, mildew, pollution, sewage, oil, and wax buildup apply ProtéShield. It is an excellent penetrating sealer that will prevent growth and penetration of these substances making cleaning and maintenance much easier.
- Ideal Interior and Exterior Applications: Walls and floors of hospitals, restaurants, offices, schools, commercial buildings, industrial plants, labs, manufacturing and fabrication facilities, warehouses, storage facilities and containers, residential living quarters, basements and other below grade spaces, retail spaces, and grocery stores.
- Protect surfaces against ultra violet rays, ice, water, chlorinated water, salt water, rain, acid rain, salts and other chlorides, rust, mold, fungus, insects, chemicals, oil, fuel, stains, and excessive temperatures.

PROPERTIES

- Durability: Will not yellow, crack, or delaminate.
- Easier surface cleanup and maintenance. No seasonal recoats.
- Resistant to extreme temperatures from -65°F to 400°F
- Impermeable water barrier to the point of elasticity
- Non-flammable and non-combustible.
- Complies with V.O.C. content limits as required by current U.S. Air Pollution Regulation and is classified as non-hazardous, and non-toxic.
- Prevents surface from freeze, thaw, cracking and spalling commonly caused by water intrusion.

SURFACE PREPARATION

- Surface must be dry and free of loose materials, detergents, oil, wax, grease, and other bond breaking contaminants.
- Test a jobsite area prior to the actual project using the same preparation methods intended for the project.
- Choose appropriate cleaning method such as sandblasting, water blasting, blower, or scrubbing based on surface condition to make the surface free of dirt, grease, oil, coatings, and other materials which would interfere with adhesion and curing.

INSTALLATION INSTRUCTIONS

- Vertical and Horizontal Surfaces: Apply with 3/8" nap roller, brush or sprayer (pump up or pressurized).
- Generally one coat is sufficient, but two coats are possible while the first coat is wet. Be sure to cover every square inch.
- Once ProtéShield has dried additional are not possible until concrete is worn and porous or coating is removed.
- Allow 24 to 48 hours for ProtéShield to fully cure before parking vehicles, painting, and backfilling.
- Clean tools with soap and water immediately after use. Do not let tools sit in direct sunlight while product is inside or ProtéShield may harden and new tools may be needed.

TECHNICAL DATA

- Type: Inorganic Elastomeric Modified Polymer
- Recoat: +/- 1 hour (recoat while 1st coat is wet)
- Initial Cure: 1-2 hours. Final Cure: 24 to 48 hours
- Walk-on Traffic: 1-2 hours. Vehicular Traffic 2-4 hours. Parking 24-48 hours. Based on temperature and humidity.
- Elongation (ASTM 412): 325%
- Elasticity: up to 400%
- pH Rating: 7 to 10
- Solids by Weight: 6%
- Water Barrier and Transmission of Moisture (ASTM E 96): 0.01 g/h/cf
- Color: Milky white when wet and clear when dry. Matte finish. Clear may slightly darken concrete or other substrate.
- Resistance to Acids: Hydrochloric – 13%, Acetic – 30%, Sulfuric – 13%
- Melting Point (400°F / 204.4°C), Freezing/Cracking Point (-65°F / -18.3°C)
- Cleaning: While ProtéShield™ is still wet, wipe up and immediately wash area with soap and water. If product has already dried, use paint thinner or mineral spirits to clean it off.
- Packaging: 1, 5 or 55 gallon containers
- Coverage: Depends on surface substrate, texture, porosity, humidity, and temperature. Average coverage on concrete is approximately 200 sq. ft.

LIMITATIONS

- High PSI Pressure washing and heavy vehicular traffic will wear away the surface and consequently the product in the process.
- Hydraulic fluid will not harm product, but can leave a stain.
- Substrate temperature must be above 40°F (4.44°C).
- Do not apply in wet conditions. Should be applied to clean and dry surfaces.
- Store product between 45°F (7.2°C) and 100°F (37.8°C) in their original tightly sealed containers.
- Keep container from freezing.
- Will not provide a glossy sheen.
- Will not penetrate some coatings.
- Not intended to densify or use with a concrete/stone/tile polishing system.
- Keep container sealed after each use to prolong usability.
- Protect surrounding areas from overspray, including landscaping.

PACKAGING & COVERAGE

Available in 1, 5 or 55 gallon containers. Coverage depends on surface substrate, texture, porosity, humidity, and temperature. Average coverage on porous concrete is approximately 200 square feet.

CAUTION

KEEP AWAY FROM CHILDREN AND ANIMALS. Before using or handling, read the MSDS and Product Instructions. DO NOT

CONSUME. Avoid contact with eyes and skin. Wear rubber gloves, aprons and safety eye goggles. Use good hygiene when handling this product. It is recommended that you wash and bathe after each use.

LIMITED PRODUCT WARRANTY

This product is warranted to be of uniform quality within manufacturer's tolerances. NewLook International, Inc. has no control over the use of ProtéShield ("Product"), therefore no other oral or written representation or statement of any kind, express or implied, now or hereafter made is authorized or warranted by NewLook or its affiliates, and NewLook and its affiliates hereby disclaims all such warranties. The end user shall be responsible for determining Product suitability, including surface conditions and climate conditions, and end user assumes all risks and liability. NewLook shall not be liable for special, incidental, or consequential damages, including delays or lost profits. Communication of this warranty and its limitations to end users is not the responsibility of NewLook but should be communicated by those in direct contact with the end user. Any claim regarding product defect must be received in writing within one year from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. Product is intended to be used by licensed contractors and installers, experienced and trained in the use of Product. Please use common sense.