



NewLook International, Inc. PermiPlate™

Technical Information Sheet

Newlook International, Inc. PermiPlate™ is a multi-component aliphatic polyurethane coating formulated for industrial and commercial use where a unique, flexible, abrasive resistant, chemical resistant and durable anti-graffiti coating is required.

USES AND BENEFITS

- Excellent adhesion to all metals, wood, concrete, fiberglass
- Brilliant, non-chalking colors
- Anti-graffiti coating
- A flexible coating yet tough and durable
- Excellent corrosion and chemical resistance
- UV resistant

Newlook PermiPlate can be used successfully on concrete, masonry, stucco, bricks, pavers, fuel tanks, aircraft and aircraft handling equipment, industrial floors, railroad tank cars, chemical tanks, machine tools, electric equipment, laboratory equipment, x-ray equipment's, telephones, gas cylinders, pumps, battery cases, store fixtures, piping, ovens, construction equipment, and can be used as an industrial grade anti-graffiti coating.

PACKAGING

4 gallon unit; Kit includes 3 gallons part A and 1 gallon part B

PREPARATION PRIOR TO APPLICATION

All surfaces must be cured, firm and dry. Surfaces should be clean, free of dust, oil, grease and wax. Remove chalky or loose paint, rust, loose mil scale, mildew or any other contamination or condition that would adversely affect the performance of the coating.

INSTALLATION - RECOAT

If the second coat is not applied within 24 hours of first coat, then surface must be abraded to afford a tooth allowing for proper mechanical/chemical adhesion. Abrade the surface by sandblasting, mechanical sanders or hand sanding, leaving the surface evenly roughened and scratched.

MIXING

NewLook PermiPlate is shipped in two separate containers. The component A material should be thoroughly mixed with mechanical agitation and the component B should be lightly shook prior to mixing. Pour contents of component B into component A while under light agitation and stir well for approximately 3 to 5 minutes prior to application. PermiPlate should be kept covered at all times to maximize usable pot life.

APPLICATION

Spray recommended. Brush or roller may be used on small areas. Care should be taken to achieve required firm build.

Conventional spray: Devilbiss MBC-510 spray gun, "E" fluid tip, #704, #765, #78 air cap, Binks #18 spray gun, 66 tip 66 PE or 63 PB nozzle.

Airless Spray: Use of spray tips with .015" to .21" orifice is suggested, depending on available pressure and job conditions, with a minimum of 2800 psi tip pressure.

WARRANTY

Newlook International, Inc. PermiPlate ("Product") is not intended for public use and are intended for use by licensed contractors and installers, experienced and trained in the use of these products. Product is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the use of 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 International, Inc. or its affiliates, and Newlook International, Inc. and its affiliates hereby disclaims all such warranties, including those of merchantability or fitness for a particular purpose. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven to be defective. Newlook International, Inc. 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 International, Inc. but should be communicated by those in direct contact with the end user. Any claim regarding product defect must be received in writing within thirty days from the date of purchase. No claim will be considered without such written notice or after the specified time interval. The end user shall be responsible for determining Product's suitability and assumes all risks and liability.

RECOMMENDED PRIMER

PermiPrime clear primer.

RECOMMENDED THINNER

Lacquer thinner or other hot solvent.

TECHNICAL DATA

Mix Ratio (parts by volume): 3 to 1 (A to B)

VOC: Under 2.8 lbs/gal

Finish(es): High Gloss

Film Thickness: 2 mils dry

Pot Life (at 77°F): 4 hours

Solids Content: 73-73% by weight; 64-65% by volume

Coverage: 300-400 sq feet per gallon at 2 mils DFT (No loss factor)

Weight (per gallon):

Shelf Life: 12 months (from date of manufacturing)

Number of Recommended Coats: 2

Cure Time: At 77 degrees F and 50% relative Humidity at 3 mils wet:

To touch: 2-3 hours

Dry Hard: 24 hours

Full Cure: 7 days

LIMITATIONS

- Surface temperature must be a least 50°F. Colder temperatures will not allow PermiPlate to cure properly.
- Surface must be dry during application.
- Do not apply in wet or high humid conditions.
- Store containers at room temperature (68°F to 70°F) 24 hours prior to use. Cold material is harder to apply.
- Allow for extended cure time in cold temperature.
- NewLook PermiPlate has a limited pot life; increases in temperature will shorten the pot life.
- Do not over work the urethane.
- When mixing, the mix ratio must be exact. Any change will cause inferior performance. When the mixed material starts increasing in temperature and thickens, stop using.

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. **Antidotes:** **Ingestion:** Call a physician immediately. **Eyes:** flush with large amounts of water for 15 min. Call a physician immediately. **Inhalation:** Remove person to fresh air. If unconscious or trouble breathing, call a physician. **Skin:** wash with soap and water.