


NEWLOOK

NewLook International, Inc. DuraCoat™

Technical Information Sheet

NewLook International, Inc. DuraCoat™ is a two-component high solid epoxy-urethane modified used for high traffic industrial floors. Long range protection of structures and surfaces exposed to corrosion, weather or wear; as maintenance coatings for chemical storage, fuel, ballast and water tanks, as coating for pipe linings, fittings, and other mechanical construction; as wear-resistance for machinery, trench plates, decks and floor coating; as an industrial finish for walls, ceilings, lab benches, tables and other building areas requiring good appearance and/or sanitary surfaces.

GENERAL DESCRIPTION

NewLook DuraCoat is an easily applied epoxy system with long pot life and excellent physical and chemical characteristics. It provides excellent appearance yet has great toughness, flexibility, and resistance to impact, abrasion and wear. It has outstanding adhesion and with proper preparation will bond itself and other surfaces after years of exposure. DuraCoat has a 56 – 72% solids content depending upon color or pigmentation.

SURFACES

- Concrete, ferrous and non-ferrous metals, wood, gypsum board, some plastics and many other surfaces

Features and Benefits

- Adhesion: Excellent
- Temperature Resistance: Excellent (continuous to 200°F, dry)
- Abrasion Resistance: Excellent
- Flexibility: Fair
- Hardness: 48 on sward scale
- VOC: After mixing 1 part A to 1 part B by volume is 327 g/l
- Available in clear or colored upon request.

Surface Preparation, Mixing, & Application:

- Concrete should be cured at least 28 days prior to application.
- All surfaces to be coated shall be dry, clean, free of loose particles or other contaminants and properly abraded by means of sanding, grinding, chipping, blasting or etching in accordance with standard procedures.
- Use DuraCoat Primer on new concrete or sand-blasted surfaces.
- Allow DuraCoat to reach room temperature and stir A & B separately. Next, mix the two components together in equal proportions. Mix thoroughly including scraping the sides and bottom of the containers to ensure that there is no unused material.
- After mixing, NewLook DuraCoat must stand for ½ hour before using to reach maximum potency. After this initial reaction time, NewLook DuraCoat may be applied in any of the normal methods to a maximum wet film thickness of 4 mils per coat. If non-skid deck topping is required, fine aggregate may be broadcast into the wet film and sealed with a subsequent coat.

MIXING AND APPLICATION INSTRUCTIONS

1. Apply by means of brush, roller, or spray.
2. 2-4 coats, depending upon service condition
3. Mix Ratio: 1 part "A" to 1 part "B" volume
4. POT LIFE is 6-8 hrs @ 77 degrees F.
5. Flash Point: 104°F (T.C.C.)
6. Film thickness 2-3 mils, dry per coat. (max. 4 mils wet film thickness)
7. Coverage: 250- 350 sq. ft/gal, depending upon surface roughness, etc. ,
8. Available in 5-gallon pails

CURING AND POST APPLICATION

Complete drying times will vary depending on concrete temperature, air temperature, humidity, concrete porosity, and other local conditions. At 77°F (25°C) and 50% relative humidity:

- Light traffic – 24 hrs. at 77°F (25°C)
- Normal traffic – 48 hrs. at 77°F (25°C)
- Max Physical Properties – 3 days at 77°F (25°C)
- Max Chemical Properties – 7 days at 77°F (25°C)
- Time between coats: 6-8 hrs at 77°F (25°C), or until tack free. (in closed areas, ventilation and more time may be required)

STORAGE

- Store in a safe, dry place.
- Keep containers tightly sealed.
- DO NOT allow product to freeze.
- Shelf life is approximately 24 months (in cool dry area).

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.

PHYSICAL PROPERTIES

Chemical Resistance	Fumes	Splash/Spills	Immersion
Acids	Excellent	Very Good	Very Good
Alkalis	Excellent	Very Good to Excellent	Very Good – Excellent
Solvents	Very Good	Very Good	Good
Salts	Excellent	Excellent	Excellent

WARRANTY

NewLook International, Inc. DuraCoat ("Product") are 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 one year from the date of manufacture. 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.