



RIO DECK EP

Epoxy Primer

PRODUCT DESCRIPTION

RIO DECK EP is a two component, liquid applied, solvenated epoxypolyamine primer with unique penetrating characteristics. This primer is recommended for metal flashings and other medium to heavy duty traffic areas and for outdoor applications.

TYPICAL PROPERTIES

(For Use Outside of SCAQMD Areas)

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|---|--|
| Coverage Rate: | 1 gal/300 sq.ft. 0.135 l/m ² |
| Pot Life, 75°F (24°C) @ 50% R.H.: | 60-90 minutes Dry Film |
| Thickness per Coat: | 4 mils |
| Specific Gravity: | Part-A 1.27 Part-B 1.85 |
| Total Solids, Weight, ASTM D-2369: | 90 ± 2% Total |
| Solids, Volume, ASTM D-2697: | 84 ± 2% |
| Viscosity, at 80°F (24°C) | |
| Part-A & B combined | 600 ± 200 |
| Volatile Organic Compounds, ASTM D-2369-81 | 1.17 lbs/gal 140 gm/liter |
| Low Odor: | Moderate |
| Solvent Free (100% solids): | No |
| Low Viscosity: | Moderate |
| One Component: | Acceptable |
| Fast Curing: | No |
| Meets CA VOC & AQMD: | Moderate |
| Low Pedestrian Traffic: | Acceptable |
| High Pedestrian Traffic: | Yes, Excellent |
| Vehicular Traffic/N/R: | Excellent |
| Recoat Window in Hours<2: | <8 |

Substrate Adhesion

| | |
|---------------------|-----------|
| Concrete & Masonry: | Excellent |
| Plywood : | Excellent |

The data shown above reflects typical results based on laboratory testing under controlled conditions. Variations from the data shown may result. Test methods are modified where applicable.

BENEFITS

- Seals Concrete
- Low Viscosity
- Excellent Adhesion
- For use in SCAQMD areas

APPLICATIONS

- Concrete
- Metal
- Glass Reinforced Plastics
- Plywood
- Polyurethane Elastomeric Surfaces

COLORS

- Part-A: Black
- Part-B: White

PACKAGING & COVERAGE

- Quarts: One 1 quarts (0.946 liter) can of Part-A Black Liquid, and One 1 quart (0.946 liter) can of Part-B White Liquid.
- 2 Gallon Kit: One 1 gallon (3.78 liter) can of Part-A Black Liquid, and One 1 gallon (3.78 liter) can of Part-B White Liquid.
- 10 Gallon Kit: One 5 gallon (18.9 liter) pail of Part-A Black Liquid, and One 5 gallon (18.9 liter) pail of Part-B White Liquid.

INSTALLATION STEPS

Mixing

The volume mixing ratio is 1 part Part-A Black Liquid to 1 part Part-B White Liquid. RIO DECK EP Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. The combined components should be thoroughly mixed using a mechanical mixer at slow speed or for at least 5 minutes if mixed by hand.

Application

- RIO DECK EP should be applied at the rate of 1 gallon (mixture of Part-A & Part-B) in an even and puddle free application at not greater than 300 sq. ft. (0.14 liters/m²). It can be applied using an airless sprayer, brush, or phenolic resin core roller. Rough and or pinholed surfaces will require more primer.
- Allow RIO DECK EP to become thumbprint tack free before applying the coating. Heavy applications of primer for void filling will require longer dry times to a completely dry to touch film.
- Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F above the dewpoint.
- RIO DECK EP is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application.
- Low temperature and/or low humidity extend the cure time.

Cleaning

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

Disposal

All materials should be disposed of in accordance with all Federal, State or Local regulations.

Storage and Shelf Life

Store material in a cool and dry place out of direct sunlight. Do not store near open flame or ignition source. Read and understand all product labels and SDS prior to use. RIO DECK EP has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

Limitations

- Not UV stable.
- Surfaces must be dry, clean and free of foreign matter.
- Containers that have been opened must be used as soon as possible.
- RIO DECK EP is difficult to clean up after it has cured.
- Do not dilute RIO DECK EP.
- Mix no more material than can be used within 45 minutes.

Safety

RIO DECK EP contains Epoxy Resin and Curatives. RIO DECK EP Part-A and Part-B are considered Dangerous Goods. DOT regulations classify it as: PAINT, Class 3, UN 1263, PG III, FLAMMABLE LIQUID.

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