



## **Morricite Epoxy Sealer**

### **DESCRIPTION**

**Morricite Sealer #274** is a solvent-based, two component, 50 % solids epoxy used widely as a general purpose sealer and water barrier for concrete. It is designed to comply with a VOC of less than 350 g/L.

### **ADVANTAGES**

- Protects concrete against the effect of de-icing salts
- Penetrates and strengthens weak or porous concrete.
- Cures on clean, dry surfaces as low as 40°F
- Economical

### **TYPICAL USES**

- Bridge decks
- Highways
- Median barriers
- industrial plants
- Parking garages.

### **TYPICAL PHYSICAL PROPERTIES @ 75°F (23°C)**

Mix Ratio A : B:	1 : 1 by volume
Color:	Clear
Solids Content:	50 – 52 %
Pot Life:	2 hours
Tack Free Time:	3 to 4 hours
Recoat Time:	6 hours
Flexibility:	(1/4= cylindrical mandrel) ASTM D 1737 Pass
Adhesion:	ASTM D 4541 > 500 psi
VOC:	337 g/L
Shelf Life:	2 years (stored @ maximum temperature of 85°F)

**SURFACE PREPARATION**

- New concrete should be allowed to attain most of its initial shrinkage (excess water should evaporate) before application of **Morricite Sealer #274**.
- Old concrete should be structurally sound. Remove laitance, curing compound, weak sections, dirt and other foreign matter.
- Prepare surface mechanically by sandblasting, hydroblasting or grinding. Clean, sound concrete may be treated as is.

**MIXING**

Thorough and complete mixing is vital to reinforce curing and ultimate properties after use. Temperature of **Morricite Sealer #274** must be above 50°F for mixing. Mix Part A and Part B at 1:1 by volume for 3 minutes, using a jiffy mixer (or equal) powered by low-speed (400 – 650 rpm), electric drill or other means.

**APPLICATION**

Apply **Morricite Sealer #274** at surface temperature above 50°F with squeegee, roller or spraying equipment to clean, dry surface. When used as a penetrating sealer, one coat is adequate. Its use as a protective coating requires two coats to provide skid and wear resistance. Silica sand should be broadcast over the final coat at 1- ½ lbs per sq. yard. Clean tools and equipment promptly after use with Xylene, Toluene, or MEK solvent.

**COVERAGE:**

Coverage is approximately 150 to 200 sq ft. per gallon. Coverage will vary depending on surface conditions and temperature.

**ADDITIONAL**

**Morricite Sealer #274** is shipped Red Label (Flammable Solvent).

**SAFETY**

For industrial and professional use **ONLY**.

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations: thorough ventilation of the workplace, good skin care, and wearing protective goggles. For detailed safety guidelines, please refer to the Safety Data Sheet (SDS) for **Morricite Sealer #274**.

**WARRANTY INFORMATION**

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