



## **Morricite Reflexions Designer (Premium)**

### **DESCRIPTION**

**Morricite Epoxy Reflexions designer Flooring # 310** is a 100% solids, solventless, high build, two part decorative, poured in place flooring system. It is designed to enhance the appearance, durable and reliable resin systems with the latest in effects pigments to produce inspiring one of a kind looks.

**Morricite Reflexions # 310** consists of a pigmented, epoxy primer coat pigmented, epoxy body coat and a long-wearing gloss optional finish Urethane and/or polyaspartic top coat.

This system is designed to be used indoors in commercial, industrial and institutional environments where a UV light-stable, clear, chemical resistant seal-coat is desired.

### **TYPICAL USES**

- Showrooms
- Walkways
- Lobbies & Entry ways
- Aisles
- Retail Areas
- Waiting Rooms

### **ADVANTAGES**

- Mixes easily – 2 (two) parts of A and 1 (one) part of B
- Provide a smooth glass like finish
- Limitless combinations from single or multicolor applications allow you to make your own unique floor.
- Resistant to UV degradation ensure consistent color for the life of the floor
- Chemical resistant
- Quick installation
- Durable and long lasting

### **SURFACE PREPARATION**

The substrate must be clean (free of dirt, dust, paint, grease, oil, rust and other contaminants), sound and durable. New concrete must be fully cured (28 days minimum) and all laitance and curing compounds removed. Suitable preparation methods include grit blasting and scarification. The recommended minimum pull-off strength of the prepared substrate is 200 psi.

## TYPICAL PHYSICAL PROPERTIES

@ 75° F (23° C)

Mix Ratio A : B 2 to 1 by volume

### Pot Life (minutes)

@ 150 grams

35-40

@ 1 gallon mass

26

### Cure Time (hours) @12-16 mils

Dry to Touch

10-12

Hardness ASTM 2240

(Shore D) 75-80

Tensile Strength ASTM D638

5,000 psi

Compression Strength ASTM D695

11,000 psi

Flexural Strength ASTM D790

5,000 psi

Bond Strength ASTM D4541

> 400 psi

Impact Strength, passing MIL D3134

no chipping or delaminating

VOC Content 0 g/L

Abrasion Resistance 12 mg loss

CS 17 wheel, 1000g

Load, 1000 cycles

ASTM D-4060

Shelf Life 2 years minimum in unopened container (stored between 50 °F to 90 °F)

## REFLEXIONS SYSTEM

1. Pigmented Primer
2. Reflexions body coat
3. Optional top coat
  - a) Aliphatic Urethane and/or
  - b) Polyaspartic coating

## SOUND and DURABLE CONCRETE

Sound and durable concrete should be crack free and have a cap pull-off strength of 200 psi per ACI 503 R.

## SAFETY

For industrial and professional use **ONLY**.

For detailed safety guidelines, please refer to the product Safety Data Sheet (SDS)

## WARRANTY INFORMATION

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