# **Epoxy.com Product #315Top**

#### **Polymeric Multi-Colored Flake Floor Resurfacing System**

## **GENERAL DESCRIPTION**

Product #315 is a seamless, plural component, liquid applied, 100% solids polymeric colored flake floor resurfacing system with superior wear, and chemical resistance. Product #315 with "multi-colored" flakes produces a durable, easy to maintain floor, on both new and old surfaces.

# **APPLICATIONS**

Assembly Plants

Aisle Ways

**Bakeries** 

**Basement Floors** 

**Bottling Plants** 

Break Rooms

Cafeterias

Canning Plants

Car Washes

Cells

Church Floors

Classroom Floors Corridors

**Educational Facilities** 

Entrances Food Plants

Health Care Facilities

Hospitals Kennels Kitchens

Laboratories

Law Enforcement Facilities

Laundries Locker

Rooms

Manufacturing Areas

Marine Surfaces

Meat Preparation Areas

Mortuaries

Nuclear Plant Floors

Offices

Photography Processing Areas

Power Plants

**Printing Plants** 

Produce Preparation Areas

Pool Decks Ramps

Research Facilities

Rest Rooms Rest Area Buildings

Restaurants

Sewer Plants

Semiconductor Plants

Shop Floors Shopping Centers Shower Rooms

Store Floors Show Rooms

Supermarkets

Veterinary Facilities

Water Plants

Warehouses

& many others

# ADVANTAGES

LOW ODOR STRONG YET RESILIENT VARIABLE SURFACES FROM NON-SLIP TO SMOOTH ABRASION RESISTANT

### **OPTIONAL FEATURES**

INTEGRAL COVE BASE MEDIUM, FINE, and SMOOTH TEXTURES

## **SURFACE PREPARATION**

Surface must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, mechanical abrasion. If acid etching is used follow with abrasive or mechanical abrasion. Remove water and dust from all surfaces with an oil-free blast, or vacuum, immediately prior to application.

### **MIXING INSTRUCTIONS**

Temperature of Product #315 must be 60 degrees F or above at time of mixing. Stir each component separately before blending. Mix two parts by volume of Part A with one part by volume of Part B for three minutes with a low speed electric drill motor equipped with a mixing paddle.

## **APPLICATION**

**BASECOAT:** Product #315 can be applied with brush, roller, airless sprayer or squeegee. Apply a coat of #315 to surface to be finished, doing only a small area at a time, applying ESI<sup>TM</sup> Color Flakes to the surface of the wet resin. This can be done by hand or mechanical means. For the most even colored finish, make sure that the entire surface is completely covered (no shiny spots visible). Allow them to dry. Then remove excess Colored Flakes. Repeat this process a second time if a "three dimensional" effect is desired.

**TOPCOAT:**. Apply a squeegee, roll, or spray coating of clear #315 to the surface of the basecoat. If a smoother finish is required, the surface may be sanded and additional coat(s) of clear #315 applied.

## **LIMITATIONS**

New concrete should be at least 28 days old. Temperature of substrate must be above 50 degrees F. DO NOT thin. For outdoor use contact Epoxy Systems, Inc. for technical assistance. Do not interchange the hardener from Epoxy Systems' Product #315 and Product #315 BC, they are not interchangeable.

### **SAFETY PRECAUTIONS**

Prolonged or repeated exposure may cause eye and skin irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

### **CLEANING**

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent.

## **APPLICATION PROPERTIES @77 DEGREES F**

Viscosity (mixed).	450 CPS
Pot Life (200 gr.)	30 minutes
Cure Time (Walk-on Traffic)	24 hours
Cure Time (Truck Traffic)	48 Hours
Final Cure	7 Days
Packaging (unit size)	3 gal., 15 gal, and 45 gal.
	Units.

#### **PHYSICAL PROPERTIES (neat)**

Bond Strength (ASTM C-882)	2110 psi
Flexural Strength (ASTM C-580-68)	6100 psi (7 days)
Compressive Strength (ASTM D-695)	9900
Absorption (ASTM D-570)	0.7%
Thermal Shock	40 Hrs @10 Degrees F., 3
	Min. @ 212 Degrees F.
	shock water 33 Degrees F.
Hardness (Shore D)	65 @ 24 Hours
75 @ 7 days	

For additional information please contact:

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