

Epoxy Systems'TM Product #315

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

Aisle Ways	Mortuaries
Assembly Plants	Nuclear Plant Floors
Bakeries	Offices
Basement Floors	Photography Processing Areas
Bottling Plants	Power Plants
Break Rooms	Printing Plants
Cafeterias	Produce Preparation Areas
Canning Plants	Pool Decks
Car Washes	Ramps
Cells	Research Facilities
Church Floors	Rest Rooms
Classroom Floors	Rest Area Buildings
Corridors	Restaurants
Educational Facilities	Semiconductor Plants
Entrances	Sewer Plants
Food Plants	Shop Floors
Health Care Facilities	Shopping Centers
Hospitals	Shower Rooms
Kennels	Store Floors
Kitchens	Show Rooms
Laboratories	Supermarkets
Law Enforcement Facilities	Veterinary Facilities
Laundries	Water Plants
Locker Rooms	Warehouses
Manufacturing Areas	& many others
Marine Surfaces	
Meat Preparation Areas	

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™ 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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