

EPOXY FLOORING COMPOUND 27 SQUARE FEET PATCH KIT K05100006 Part A, B & C

Product Data Sheet

KRYLON

INDUSTRIAL
COATINGS™

DESCRIPTION

Epoxy Flooring Compound 27 Square Feet Patch Kit is a trowelable epoxy surfacing and leveling compound for new and old floors of concrete, wood, or steel where a high degree of chemical and abrasion resistance is required. The physical properties of this product is much higher than those of concrete and its excellent abrasion and impact resistance recommend it for high traffic areas. Acceptable for use in federally inspected meat and poultry plants.

RECOMMENDED USES

- As a high build epoxy floor resurfacer
- Food process industries: dairies, bakeries, breweries, bottling plants and packing houses
- Pharmaceutical houses
- Chemical process and refinery industries
- Industrial plants
- Utilities: sewage and water treatment plants, generating stations

SPECIFICATIONS

Concrete/Masonry:

1 ct. Epoxy Primer/Sealer (K05101001) @ 1.0 - 2.0 mils dft
1 ct. Epoxy Flooring Compound 27 Square Feet Patch Kit (K05100006) @ 250.0 mils dft

Optional:

1 ct. Industrial Epoxy (K0380 Series) with Shark Grip @ 2.5 - 4.0 mils dft or DuraTop™ Epoxy Floor Coatings (K0540 Series) @ 10.0 - 30.0 mils dft

Steel:

1 ct. Industrial Epoxy Primer (K0023500) @ 2.5 - 4.0 mils dft
1 ct. Epoxy Flooring Compound 27 Square Feet Patch Kit (K05100006) @ 250.0 mils dft.
1 ct. Industrial Epoxy (K0380 Series) with Shark Grip™ (50.055004) @ 2.5 - 4.0 mils dft.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Minimum recommended surface preparation:

- Iron & Steel: SSPC-SP6
Concrete: Cured, clean, dry, sound
Cured, minimum 28 days
- Primer recommended Epoxy Primer/Sealer (K05101000)

APPLICATION

APPLICATION CONDITIONS

Temperature: 55°F minimum, 95°F maximum (air, surface, and material). At least 10°F above dew point.
Relative humidity: 85% maximum

Note: Do Not Tint

CHARACTERISTICS

FINISH: Gloss

VOLUME SOLIDS (Mixed): 100%

VOC (Mixed): 0 g/L; 0 lb/gal

SHELF LIFE: 12 months, unopened, at 77°F

MIX RATIO (By Volume): 3 premeasured units 3.3:1

MIXING RATIO:

Part A must be mixed with activator Part B before use. Mix contents of each component separately prior to combining. The combine Part A and Part B, and thoroughly agitate. After agitation of A and B, slowly combine Part C.

RECOMMENDED SPREADING RATE PER COAT:

Wet mils: 250.0 (1/4")
Dry mils: 250.0 (1/4")
Coverage (sq ft/gal/unit): 27

DRYING SCHEDULE @ 72°F @ 50% RH:

To touch: 2 - 4 hours
To recoat: n/a
To cure: 7 days
Foot traffic: 24 hours

POT LIFE @ 72°F, 50% RH: 1 hour

SWEAT-IN TIME: None required

FLASH POINT (Catalyzed): 200°F, PMCC

REDUCER/CLEAN-UP: K01661530, Xylene (clean-up only)

PHYSICAL PROPERTIES

Abrasion Resistance: Result: 5 times concrete

Adhesion: Result: Excellent

Direct Impact Resistance: Result: Excellent

Dry Heat Resistance: Method: ASTM D2485, Result: 150°F

Compressive Strength: Method: ASTM D695
Result: 10,000 psi (69 MPa)

Flexural Strength: Method: ASTM D790
Result: 3,466 psi (23.9 MPa)

Service Temperature:
Result: -10°F to 150°F

CAUTIONS

Thoroughly review product label for safety and cautions prior to using this product. A Material Safety Data Sheet is available from your local Krylon Industrial Coatings™ Distributor. Please direct any questions or comments to your local Krylon Industrial Coatings™ Distributor.

Note: The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, Krylon Products Group cannot make any warranties as to the end result. Please direct any questions or comments to 1-800-777-2966.