ACRYLIC FLOOR COATING

K0500 Series

Acrylic Floor Coating is an interior/exterior, semi-gloss, industrial-grade, single-component waterborne floor coating. It offers a quick-dry, slip- and abrasion-resistant formula and easy water clean-up.

- ✓ Single component
- ✓ Abrasion resistant
- ✓ Slip resistant
- ✓ Tough, alkali-resistant finish
- ✓ Fast dry

INDUSTRIAL USE ONLY!
AS OF 01/01/16 COMPLIES WITH:

- ☑ OTC
- ☑ CARB
- ☑ EC
- ☑ LADCO
- ☑ SCAQMD

krylonindustrial.com
1-800-247-3266

Revised June 2016

RECOMMENDED USES

Use this product over prepared substrates such as concrete, wood, and previously painted surfaces.

SPECIFICATIONS

Concrete:
1 coat Krylon® Industrial Acrylic Floor Primer
1-2 coats Krylon® Industrial Acrylic Floor Coating

Wood Floors:
1 coat Krylon® Industrial Acrylic Floor Primer
1-2 coats Krylon® Industrial Acrylic Floor Coating

Previously Painted Floors in Sound Condition:
1-2 coats Krylon® Industrial Acrylic Floor Coating

SURFACE PREPARATION

WARNING!: Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and clean-up. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U.S.) or contact your local health authority.
Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, loose rust and other foreign materials to ensure adequate adhesion. Do not use hydrocarbon solvents for cleaning.

CONCRETE AND MASONRY:
For surface preparation, refer to NACE 6/SSPC-SPI3 or ICRI 03732, CSP 1-3. Surface should be thoroughly clean and dry. Surface temperatures must be at least 55°F before filling. Weathered masonry and soft or porous cement
board must be brush blasted or power-tool cleaned to remove loosely adhering contamination and to get a hard, firm surface.
FOLLOW THE STANDARDS METHODS LISTED BELOW WHEN APPLICIBLE:
ASTM 04258 Standard Practice for Cleaning Concrete
ASTM 04259 Standard Practice for Abrading Concrete
ASTM 04260 Standard Practice for Etching Concrete
ASTM FI869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete
SSPC-SPI3/NACE 6 Surface Preparation of Concrete
ICRI No. 310.2 Concrete Surface Preparation

WOOD:
Surface must be clean, dry and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked.

PREVIOUSLY PAINTED SURFACES:
If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating maybe necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface.

CAULKING:
Fill gaps between walls, ceilings, crown moldings, and other trim with the appropriate caulk after priming the surface.

TECHNICAL DATA

Vehicle	Acrylic		
Finish	Semi-Gloss (10-20 units@ 60˚F)		
Flash Point	N/A		
Volume Solids	43 ± 2%		
Weight Solids	56% ± 2%		
Weight/Gallon	10.8 lb/gal		
VOC (less exempt solvents)	< 97 g/L - 0.81 lb/gal as per 40 CFR 59.406		
Rec. Film Thickness	Wet mils: 3.5 - 4.5		
	Dry mils: 1.5 - 2.0		
Spread Rate	345-460 ft2/gal		
Application	Apply by airless or conventional spray, brush or roller		
Drying Time	@ 7 mils wet, 50% RH Note: Drying times are temperature, humidity and film thickness dependent.		
To Touch:	@50°F	@77°F	@120°F
To Touch:	45 min	30 min	10 min
To Recoat:	6 hrs	4 hrs	30 min
Foot Traffic:	18 hrs	8 hrs	1 hr
Heavy Traffic:	24 hrs	18 hrs	6 hrs
To Cure:	7 days	7 days	7 days
Reduction	Water		
Clean Up	Soap & Water		
Tinting	BAC, Charisma, GeoShades, Pratt & Lambert		
Sizes	1 gallon, 5 gallon		
Self Life	24 months, unopened		

APPLICATION

Temperature	
(air, surface and material)	50°F min, 120°F max, at least 5°F above dew point
Relative humidity	85% maximum
Reducer/Clean-up	Water
Brush	Brush Nylon/ Polyester
Reduction	As needed up to 6% by volume
Roller	Cover 1/4" – 3/8" woven solvent-resistant core
Reduction	As needed up to 6$ by volume
Airless Spray	Not Recommended
Reducer/Clean-up	Water
Reducer/Clean-up	Water
Flexibility	ASTM D522, 180° bend, 1/8" mandrel

PHYSICAL TEST DATA

System Tested	(unless otherwise indicated)
Substrate	Concrete
Surface Preparation	Clean, dry, sound
Finish	2 coats Acrylic Floor Coating@ 4 mils OFT
Abrasion Resistance	
Method	ASTM 040&0, CSl7wheel,lkgload
Result	No more than 37, 500 mg loss
Adhesion	
	ASTM 04541; ASTM 3359 720 psi (ASTM 04541);
	5A (ASTM 03359)
Direct Impact Resistance	ON STEEL ASTM 02794 30 in. lbs
Dry Heat Resistance	ASTM 02485 150° F constant, 200°F intermittent
Flexibility	ASTM 0522, 180° bend,l/l" mandrel Passes
Humidity Resistance	ASTM 04585, 500 haurs
	Rating 10 per ASTM 0714 for blistering
Pencil Hardness	ASJM033&3 F
Scrub Resistance	**(3 mils dft)** AS1M 0248&, Section 8
Result	Passes 1000 cycles minimum
Slip Resistance	ASTM Cl028-9&, .&O
Result	Passes wet and dry, Minimum Static Coefficient of Friction with and without non-slip additive
Wet Adhesion	(one coat @ 2.0 mils dft)
Method	TT-P-1511A, 6000 cycles
Result	Passes