



WATERBORNE DRY FALL

K-Z5900 Flat White
K-Z5931 Flat Black
K-Z5910 Semi-Gloss

Waterborne Dry Fall is a high solids industrial grade dry fall with high reflectance properties — producing an intense white finish that promotes a safe work environment. This product is also high hiding and provides a flash rust resistant coating. For interior use only.

- ✓ Flash rust resistant
- ✓ High hiding
- ✓ Increases light efficiency
- ✓ High light reflectance
- ✓ 10 foot dry fallout
- ✓ Easy clean up
- ✓ Interior use only

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> OTC | <input checked="" type="checkbox"/> CARB |
| <input checked="" type="checkbox"/> EC | <input checked="" type="checkbox"/> LADCO |
| <input checked="" type="checkbox"/> SCAQMD | <input checked="" type="checkbox"/> UTAH |

krylonindustrial.com
1-800-247-3266

Revised June 2016

RECOMMENDED USES

Use this product on properly prepared interior and exterior surfaces of steel, concrete, wood and metal.

RECOMMENDED SYSTEMS

Steel:

1 coat Krylon® Industrial Iron Guard® Primer
1–2 coats Krylon® Industrial Waterborne Dry Fall

Metal:

1–2 coats Krylon® Industrial Waterborne Dry Fall

Poured Concrete Walls (interior), Previously Painted Surfaces:

1–2 coats Krylon® Industrial Waterborne Dry Fall

Concrete Block:

1 coat Krylon® Industrial Acrylic Block Filler
1–2 coats Krylon® Industrial Waterborne Dry Fall

Wood:

1 coat Pratt & Lambert® Multi-Purpose Waterborne Primer
1–2 coats Krylon® Industrial Waterborne Dry Fall

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 cleanup. 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 material to ensure adequate adhesion. **Do not use hydrocarbon solvents for cleaning.**

Steel: Minimum surface preparation is Hand Tool Clean SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3. Primer recommended for best performance.

Metal: Surface should be exterior weathered for 6 months prior to painting. Remove all oil and grease per SSPC-SP1. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Prime clean area the same day.

Concrete and Masonry: For surface preparation, refer to NACE 6/SSPC-SP13 or ICRI 03732, CSP 1–3. Surface should be thoroughly clean and dry. Surface temperatures must be at least 55°F before filling. If required for a smoother finish, use Krylon® Industrial Acrylic Block Filler. Filler must be thoroughly dry before topcoating per label instructions. 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. Apply one coat of Pratt & Lambert® Masonry Surface Conditioner, per label instructions.

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 may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface.

PERFORMANCE TIPS

- When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.
- During the early stages of drying, the coating is sensitive to rain, dew, high humidity and moisture condensation. Plan painting schedule to avoid these influences during the first 16-24 hours of curing.
- Reduction will have an adverse effect on the dry fall and flash rust characteristics of this coating.
- Dry fall characteristics will be adversely affected at temperatures below 77°F or above 50% relative humidity.

CLEAN UP

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

TECHNICAL DATA

Vehicle	Vinyl Polymer		
Finish	Flat White — 0–10 units @ 85°F Flat Black — 0–10 units @ 85°F Semi-Gloss — 15–25 units @ 60°F		
Flash Point	N/A		
Volume Solids	41 ± 2% (based on Flat White Base)		
Weight Solids	60 ± 2% (based on Flat White Base)		
Weight/Gallon	12.1 lb/gal (based on Flat White Base)		
VOC (less exempt solvents)	84 lb/gal (0.70 lb/gal) as per 40 CFR 59.406 (based on Flat White Base)		
Rec. Film Thickness	7–11 mils wet 3–4.5 mils dry		
Spread Rate	135–225 ft ² /gal		
Shelf life	36 months, unopened		
Application	Apply by airless or conventional spray		
Drying Time	(@ 7 mils wet, 50% RH) Note: Drying times are temperature, humidity and film-thickness dependent. @55°F @77°F @110°F		
To Touch	45 min	30 min	20 min
To Handle	1 hour	45 min	30 minutes
To Recoat	2 hours	1 hour	1 hour
To Cure	2 days	4 hours	3 hours
Dry Fallout	10–20 ft	10 ft	10 ft
Reduction	Above 80°F — water Below 80°F — 60% denatured alcohol, 40% water		
Cleanup	Above 80°F — water Below 80°F — 60% denatured alcohol, 40% water		
Tinting	Do not tint		
Sizes	5 gallons		

APPLICATION

Temperature	(air, surface and material) 50°F min, 110°F max, at least 5°F above dew point
Relative Humidity	75% max
Reducer/Cleanup	Above 80°F — water Below 80°F — 60% denatured alcohol, 40% water
Airless Spray	
Pressure	2800 psi
Hose	1/4" ID
Tip	.017" - .019"
Filter	60 mesh
Reduction	Not recommended
Conventional Spray	
gun	Binks 95 (or equivalent)
fluid tip	63C
air nozzle	63PB
atomization pressure	60 psi
fluid pressure	50 psi
reduction	As needed up to 10% by volume
Brush	Not recommended
Roller	Not recommended

PHYSICAL TEST DATA

System	Tested
Substrate	Cold rolled steel
Surface Preparation	SSPC-SP1
Finish	1 coat Waterborne Dry Fall @ 4.5 mils DFT
Abrasion Resistance	ASTM D4060, CS10 wheel, 500 g load 122 mg loss (average) @ 1000 cycles
Adhesion	(blasted steel) ASTM D4541 408 psi
Flexibility	ASTM D522, 180° bend, 1/8" mandrel Passes
Impact Resistance	Direct — 80 in-lb ASTM D2794 Reverse — 40 in-lb



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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Krylon Industrial. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Krylon Industrial dealer or representative to obtain the most recent Product Data Sheet.