**DESCRIPTION**

Latex Dry Fall is a water-based, intense white paint for interior use. Overspray dries to a removable dust within ten feet @ 77°F and 50% relative humidity. For use over prepared ceilings and walls of commercial and institutional buildings, textile mills, warehouses, production facilities, gymnasiums or wherever a maximum light reflective finish is required. Designed to provide a uniform appearance on a variety of surfaces typically found in industrial construction. Acceptable for use in high performance architectural applications.

**Advantages**
- High hiding
- The bright white color increases lighting efficiency, promotes safety and improved production output through better lighting, less eye strain, and high light reflectance (white 83%).
- Ten foot dry fallout
- Easy cleanup
- The fast drying modified acrylic resin of this waterborne coating reduces the propensity to rust, bleed, and freckle when applied over small bare steel areas, previous coating nicks, and slight rust.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Surface Type</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel, alkyd primer:</td>
<td>1 ct. Iron Guard® Industrial Primer @ 2.0-5.0 mils dft*</td>
</tr>
<tr>
<td></td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
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<tr>
<td>Steel &amp; Rusted Galvanized, Acrylic Primer:</td>
<td>1 ct. Iron Guard® Industrial Primer @ 2.5-5.0 mils dft</td>
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<tr>
<td></td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
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<tr>
<td>Aluminum:</td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
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<tr>
<td>Galvanized Metal:</td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Concrete Block:</td>
<td>1 ct. Heavy Duty Block Filler @ 10.0-15.0 mils dft</td>
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<tr>
<td></td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Poured Concrete Walls, Interior:</td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Plaster and Wood, Interior:</td>
<td>1 ct. Int. Alkyd Enamel Undercoat Primer @ 1.5-2.0 mils dft</td>
</tr>
<tr>
<td></td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Drywall:</td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Previously Painted:</td>
<td>1-2 cts. Latex Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td></td>
<td>The systems listed above are representative of the product’s use. Other systems may be appropriate. 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. Refer to product Application Bulletin for detailed surface preparation information. Do not use hydrocarbon solvents for cleaning.</td>
</tr>
</tbody>
</table>

**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 US) or contact your local health authority. Remove all surface contamination by washing with a Concentrated Cleaner or other appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with Krylon® Stain Fix.

See “Cautions” for Crystalline Silica WARNING

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.

**NOTE:** Dry Fall characteristics will be adversely affected at temperatures below 77°F or above 50% relative humidity. 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.

**Iron & Steel:** Minimum surface preparation is Hand Tool Cleaning per SSPCSP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

**Aluminum:** Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1.

**Galvanized Steel:** Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. When the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP7 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

**Concrete and Masonry:** For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI 03732, CSP 1-3. Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Concrete and mortar must be cured at least 28 days @ 75°F. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary. Fill bug holes, air pockets and other voids with ArmorSeal Crack Filler. Primer
SURFACE PREPARATION cont.

required. Brick must be allowed to weather for one year prior to surface preparation and painting.

**Drywall:** Must be clean and dry. All nail heads must be set and spackled. Joints must be taped and covered with joint compound. Spackled nail heads and tape joints must be sanded smooth and all dust removed prior to the application of paint.

**Wood:** Surface must be clean, dry and sound. Prime with recommended primer and paint as soon as possible. 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.

Surface preparation must be completed as indicated. Mix paint thoroughly by boxing and stirring before use. Apply paint at the recommended film thickness and spreading rate as indicated below:

APPLICATION

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

**Reducer/Clean Up:**

Above 80°F .............. Water
Below 80°F .............. 60% denatured alcohol/40% water

**Airless Spray**

Pressure ......................... 2800
Hose ...................... 1/4" ID
Tip .................. .017"-.019"
Filter .................. 60 mesh
Reduction .................. Not recommended

**Conventional Spray**

Gun .................. Binks 95
Fluid Nozzle ........ 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

If specific application equipment is not listed above, equivalent equipment may be substituted.

Temperature: 50°F minimum, 110°F maximum (air, surface, and material)

At least 5°F above dew point
Relative humidity: 75% maximum

**Performance Information**

Refer to the MSDS sheet before use. Published technical data and instructions are subject to change without notice. Contact your Krylon Industrial representative for additional technical data and instructions. 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. If possible, plan painting schedules to avoid these influences during the first 16-24 hours of curing.

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness, or porosity of the surface, skill, and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build. Reduction will have an adverse effect on the dryfall and flash rust characteristics of this coating. Dryfall characteristics will be adversely affected at temperatures below 77°F or above 50% relative humidity. In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water. Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs. Product Information sheet for additional performance characteristics and. Clean spills and spatters immediately with soap and warm water. Clean tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits, to prevent rusting of equipment. Follow manufacturer’s safety recommendations when using any solvent.

**CHARACTERISTICS**

**Finish:** Flat or Semi-Gloss (Eggshell)

**Color:** White

**Drying Schedule @ 7.0 mils wet 50% RH:**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>To touch</th>
<th>To handle</th>
<th>To recoat</th>
<th>To cure</th>
<th>Dryfall</th>
</tr>
</thead>
<tbody>
<tr>
<td>@55°F</td>
<td>45 minutes</td>
<td>1 hour</td>
<td>2 hours</td>
<td>2 days</td>
<td>10-20 feet</td>
</tr>
<tr>
<td>@77°F</td>
<td>30 minutes</td>
<td>1 hour</td>
<td>1 hour</td>
<td>3 hours</td>
<td>10 feet</td>
</tr>
<tr>
<td>@110°F</td>
<td>20 minutes</td>
<td>30 minutes</td>
<td>1 hour</td>
<td>3 hours</td>
<td>10 feet</td>
</tr>
</tbody>
</table>

**Note:** Drying time is temperature, humidity, and film thickness dependent.

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

**Recommended Spreading Rate per coat:**

<table>
<thead>
<tr>
<th>Wet mils</th>
<th>Dry mils</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.0 - 11.0</td>
<td>3.0 - 4.5</td>
</tr>
</tbody>
</table>

Coverage: 135 - 225 sq ft/gal approximate

**Volume Solids:** 41% ± 2%

**Weight Solids:** 58% ± 2%

**Weight per gallon:** 11.58 ± 0.2 lb, may vary with color (White)

**Flash Point:** 499°F, PMCC

**VOC (calculated):** <100g/L; 0.83 lb/gal

**Shelf Life:** 36 months, unopened. Store indoors at 40°F to 100°F.

**Not controlled for tint strength.** Refer to the MSDS sheet before use.

**System Tested:** (unless otherwise indicated)

Substrate: Cold rolled steel
Surface Preparation: SSPC-SP1
1 ct: Latex Dry Fall Flat @ 4.5 mils dft
CHARACTERISTICS cont.

**Abrasion Resistance:** Method: ASTM D4060 CS10 wheel, 1000 cycles, 500 g load Result: 122 mg loss (average)

**Adhesion:** (blasted steel) Method: ASTM D4541
Result: 408 psi

**Flexibility:** Method: ASTM D522, 180° bend, 1/8” mandrel
Result: Passes

**Impact Resistance:** Method: ASTM D2794 Result: Direct: 80 in. lbs.
Reverse: 40 in. lbs.

CAUTIONS

**Flat**
Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer’s directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR PROFESSIONAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.

**Semi-Gloss**

**CAUTIONS**

SEE CONTENTS STATEMENT ELSEWHERE ON LABEL.

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

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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 Products Group. 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 representative to obtain the most recent Product Data Sheet.