### Product Information

**Product Description**

**WATERBORNE ACRYLIC DRY FALL** is a water-based, high light reflective white coating (black also available) that falls dry in ten feet. Fallout can be swept up for easy cleanup of work area.

- **Finish:** Flat or Eg-Shel
- **Color:** Flat White, Eg-Shel White, Flat Black
- **Volume Solids:** 42% ± 2%
- **Weight Solids:** 61% ± 2%
- **VOC (calculated):** 58 g/L; 0.48 lb/gal
- **Recommended Spreading Rate per coat:**
  - Wet mils: 7.0 - 11.0
  - Dry mils: 3.0 - 4.5
- **Coverage:** 135 - 225 sq ft/gal approximate

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

<table>
<thead>
<tr>
<th>Method</th>
<th>@55°F</th>
<th>@ 77°F</th>
<th>@ 110°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>To touch</td>
<td>45 minutes</td>
<td>30 minutes</td>
<td>20 minutes</td>
</tr>
<tr>
<td>To handle</td>
<td>1 hour</td>
<td>45 minutes</td>
<td>30 minutes</td>
</tr>
<tr>
<td>To recoat</td>
<td>2 hours</td>
<td>1 hour</td>
<td>1 hour</td>
</tr>
<tr>
<td>To cure</td>
<td>2 days</td>
<td>4 hours</td>
<td>3 hours</td>
</tr>
<tr>
<td>Dry fallout</td>
<td>10-20 feet</td>
<td>10 feet</td>
<td>10 feet</td>
</tr>
</tbody>
</table>

Drying time is temperature, humidity, and film thickness dependent.

**Shelf Life:** 36 months, unopened, at 77°F

**Flash Point:** 499°F, PMCC

**Reducer/Clean Up:**
- Above 80°F: Water
- Below 80°F: 60% denatured alcohol/40% water

**Recommended Uses**

For use over prepared interior ceilings, walls, and structural steel in environments such as:

- Warehouses
- Industrial, commercial, and institutional buildings
- Textile mills
- Manufacturing facilities
- Gymnasiums

**Product Characteristics**

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**Performance Characteristics**

- **Light Reflectance Value of the White is 83 ± 3%**
- **Light Reflectance Value of the Black is 5 ± 3%**

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

- **Substrate:** Cold rolled steel
- **Surface Preparation:** SSPC-SP1
- **1 ct:** Waterborne Acrylic Dryfall Flat @ 4.5 mils dft

**Abrasion Resistance:**

- **Method:** ASTM D4060
- **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.
## PRODUCT INFORMATION

### RECOMMENDED SYSTEMS

<table>
<thead>
<tr>
<th>Surface Type</th>
<th>Primer/Coat</th>
<th>Thickness (mils dft/ct)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel, alkyd primer</td>
<td>1 ct. Kem Bond HS @ 2.0-5.0 mils dft</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Steel &amp; Rusted Galvanized, acrylic primer</td>
<td>1 ct. DTM Acrylic Primer/Finish @ 2.5-5.0 mils dft</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Aluminum</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
<td></td>
</tr>
<tr>
<td>Galvanized Metal</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
<td></td>
</tr>
<tr>
<td>Concrete Block</td>
<td>1 ct. Heavy Duty Block Filler @ 10.0-15.0 mils dft</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Poured Concrete Walls, Interior</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
<td></td>
</tr>
<tr>
<td>Plaster and Wood, Interior</td>
<td>1 ct. PrepRite Wall &amp; Wood Primer @ 1.5-2.0 mils dft</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
</tr>
<tr>
<td>Drywall</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
<td></td>
</tr>
<tr>
<td>Previously Painted</td>
<td>1-2 cts. Waterborne Acrylic Dry Fall @ 3.0 - 4.5 mils dft/ct</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

Refer to product Application Bulletin for detailed surface preparation information.

Do not use hydrocarbon solvents for cleaning.

Minimum recommended surface preparation:
- Iron & Steel: SSPC-SP2
- Aluminum: SSPC-SP1
- Galvanizing: SSPC-SP1
- Concrete & Masonry: SSPC-SP13/NACE 6
- Wood: Clean, smooth, dust free
- Previously Painted: SSPC-SP1
- Primer required

### TINTING

Tint with EnviroToner Colorants only. White may be tinted with up to 4 oz. per gallon. Clear Base may be tinted with up to 12 oz. per gallon. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color. Not controlled for tint strength.

### ORDERING INFORMATION

- Packaging: 5 gallon containers
- Weight per gallon: 12.11 ± 0.2 lb, may vary with color

### SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.
### 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.

Do not use hydrocarbon solvents for cleaning.

**Iron & Steel**

Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. 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.

**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. 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 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.

### Application Conditions

- **Temperature:** 50°F minimum, 110°F maximum
- **Relative humidity:** 75% maximum

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

### Application Equipment

**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**
- **Brush** .................. Not recommended

**Roller**
- **Cover** .................. Not recommended

If specific application equipment is listed above, equivalent equipment may be substituted.
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:

**Recommended Spreading Rate per coat:**
- Wet mils: 7.0 - 11.0
- Dry mils: 3.0 - 4.5
- Coverage: 135 - 225 sq ft/gal approximate

**Drying Schedule @ 7.0 mils wet 50% RH:**
- @55°F: To touch: 45 minutes, To handle: 1 hour, To recoat: 2 hours, To cure: 2 days, Dry fallout: 10-20 feet
- @77°F: To touch: 30 minutes, To handle: 45 minutes, To recoat: 1 hour, To cure: 4 hours, Dry fallout: 10 feet
- @110°F: To touch: 20 minutes, To handle: 30 minutes, To recoat: 1 hour, To cure: 3 hours, Dry fallout: 10 feet

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

**Clean Up Instructions**
- 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, R1K4, to prevent rusting of equipment. Follow manufacturer’s safety recommendations when using any solvent.

**Safety Precautions**
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