

**RUST-OLEUM®****5100 SYSTEM****ACRYLIC DRY FALL COATING****DESCRIPTION AND USES**

A low-VOC, water-based, acrylic dry fall coating designed for mild industrial conditions.

The Acrylic Dry Fall Coating is a high hiding interior flat finish for use when overspray must dry before it reaches nearby surfaces or the floor. The overspray dries to a removable dust within 10 feet of the application when applied at 77°F (25°C) and 50% relative humidity.

Acrylic Dry Fall Coating will adhere to glossy surfaces and properly prepared galvanized steel surfaces. It is suitable for use on ceilings, walls, roof trusses and HVAC ductwork and pipes.

The 5100 System complies with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

**PRODUCTS**

5-Gallon	Description
251280	White

**PRODUCT APPLICATION****SURFACE PREPARATION**

**ALL SURFACES:** Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Pure Strength® Cleaner/Degreaser item #3599402, commercial detergent or other suitable cleaner. Mold and mildew must be cleaned with a chlorinated cleaner or bleach solution. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application.

**STEEL:** Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove all loose rust, mill scale, and deteriorated previous coatings.

**APPLICATION**

Mix thoroughly. Apply only when air and surface temperatures are between 50-90°F (10-32°C), the relative humidity is not greater than 85%, and surface is at least 5°F (3°C) above dew point. While this dry fall coating is intended for application by spray, it can also be applied by brush or roller. Dry times may be effected by extremely high or low relative humidity.

**TINTING**

This product may be tinted up to 2 oz. per gallon with a universal colorant.

**PRODUCT APPLICATION (cont.)****EQUIPMENT RECOMMENDATIONS**

**BRUSH:** Use a good quality synthetic brush.

**ROLLER:** Use a good quality synthetic cover, 1/4-3/8" nap.

**AIR-ATOMIZED SPRAY:**

Method	Fluid Tip	Fluid Delivery	Atomizing Pressure
Pressure	0.055-0.070	10-16 oz./min.	50-60 psi
Siphon	0.055-0.070	—	50-60 psi

**AIRLESS SPRAY:**

Fluid Pressure	Fluid Tip	Filter Mesh
2,500-3,000 psi	0.015-0.017	100

**THINNING**

**BRUSH:** Normally not required. When necessary, thin with fresh water. (Touch-up only)

**AIR ATOMIZED SPRAY:** Water up to 10 fl. oz. per gallon.

**AIRLESS SPRAY:** Water up to 10 fl. oz. per gallon.

**CLEAN UP**

Use soap and water immediately after use.



**5100 SYSTEM ACRYLIC DRY FALL COATING**

**PHYSICAL PROPERTIES**

		ACRYLIC DRY FALL COATING
<b>Resin Type</b>		Acrylic
<b>Pigment Type</b>		Titanium Dioxide
<b>Solvents</b>		Water, propylene glycol
<b>Weight</b>	<b>Per Gallon</b>	11.6 lbs.
	<b>Per Liter</b>	1.2 kg
<b>Solids</b>	<b>By Weight</b>	56.0%
	<b>By Volume</b>	38.0%
<b>Volatile Organic Compounds</b>		<100 g/l (0.83 lbs./gal.)
<b>Recommended Dry Film Thickness (DFT) Per Coat</b>		2.0-2.5 mils (50.0-62.5µ)
<b>Wet Film to Achieve DFT (unthinned material)</b>		5.5-6.5 mils (137.5-162.5µ)
<b>Theoretical Coverage at 1 mil DFT (25µ)</b>		610 sq. ft./gal. (15.0 m <sup>2</sup> /l)
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		210-260 sq. ft./gal. (5.2-6.4 m <sup>2</sup> /l)
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Touch</b>	35 minutes
	<b>Recoat</b>	1.0 hours
<b>Dry Fall*</b>		10 feet
<b>Dry Heat Resistance</b>		200°F (93°C)
<b>Shelf Life</b>		5 years
<b>Safety Information</b>		<b>PROTECT FROM FREEZING. MAY CAUSE EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.</b>

Calculated values are shown and may vary slightly from the actual manufactured material.

\*Dry fall characteristics will be adversely affected at temperatures below 77°F or above 50% relative humidity. Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs.

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