RUST-OLEUM® HIGH PERFORMANCE®

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.

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.

NOTE: 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 adverse 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 additional information, contact the U.S.EPA/Lead Information Hotline at 1-800-424-LEAD.

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	Atom. 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
Resin Type		Acrylic
Pigment Type		Titanium Dioxide
Solvents		Water, propylene glycol
Weight	**Per Gallon**	11.6 lbs.
	Per Liter	1.2 kg
Solids	**By Weight**	56.0%
	By Volume	38.0%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		2.0-2.5 mils (50.0-62.5µ)
Wet Film to Achieve DFT (unthinned material)		5.5-6.5 mils (137.5-162.5µ)
Theoretical Coverage at 1 mil DFT (25µ)		610 sq. ft./gal. (15.0 m^2/l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		210-260 sq. ft./gal. (5.2-6.4 m^2/l)
Dry Times at 77°F (25°C) and 50% relative humidity	**Touch**	35 minutes
	Recoat	1.0 hours
Dry Fall*		10 feet
Dry Heat Resistance		200°F (93°C)
Shelf Life		5 years
Specification and Performance Alternatives		Can be used in USDA-regulated facilities based on FSIS Directive11,000.4 (Rev.4), November 24,1995. Agriculture Canada accepted.
Safety Information	**Warning!**	**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.**

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.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.

RUST-OLEUM®
INDUSTRIAL BRANDS

Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, Illinois 60061
An RPM Company

Phone: 877•385•8155
www.rustoleum.com/industrial

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