



Protective & Marine Coatings

DRY FALL FLAT

B48W60
B48BW1

BRILLIANT WHITE
BLACK

Revised 7/10

PRODUCT INFORMATION

3.02

PRODUCT DESCRIPTION

DRY FALL FLAT is a modified alkyd paint for interior use. Over-spray dries to a removable dust within eight feet @ 77°F (25°C) and 50% relative humidity.

- High light reflectance, White
- High hiding
- Flash rust resistant
- Eight foot dry fallout
- Easy clean up
- Interior use

PRODUCT CHARACTERISTICS

Finish:	Flat
Color:	Brilliant White, Black
Volume Solids:	40% ± 2%
Weight Solids:	63% ± 2%
VOC (EPA Method 24):	Unreduced: <375 g/l; 3.12 lb/gal Reduced 5%: <380 g/L; 3.17 lb/gal

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	8.0 200	12.0 300
Dry mils (microns)	3.0 75	5.0 125
~Coverage sq ft/gal (m²/L)	128 3.0	214 5.2
Theoretical coverage sq ft/gal (m²/L) @ 1 mil / 25 microns dft	640 15.7	

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 8.0 mils wet (200 microns):

	@ 55°F/13°C	@ 77°F/25°C 50% RH	@ 100°F/38°C
To touch:	40 minutes	10 minutes	3 minutes
To recoat:	6 hours	4 hours	2 hours
Dry fallout	8-16 feet	8 feet	8 feet
To cure:	9 days	7 days	1 day

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

Shelf Life:	12 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C).
Flash Point:	80°F (27°C) PMCC
Reducer/Clean Up:	
Below 100°F (38°C):	VM&P Naphtha, R1K3
Above 100°F (38°C):	Mineral Spirits, R1K4

RECOMMENDED USES

- 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.
- Suitable for use in USDA inspected facilities

PERFORMANCE CHARACTERISTICS

- The bright, full-hiding white color of Dry Fall Flat White increases lighting efficiency, promotes safety and improved production output through better lighting, less eye strain and higher light reflectance.
- The eight foot dry fallout characteristic means fast cleanup, over-spray dust that can be swept up; and spray application features that keep down labor costs.
- Humidity resistance, fume discoloration resistance and long-term durability all serve to reduce building owners' maintenance costs.
- Light Reflectance Value is 83 ± 3%, White



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RECOMMENDED SYSTEMS

	Dry Film Thickness / ct.	
	Mils	(Microns)
Steel:		
1 ct. Kem Bond HS	2.0-5.0*	(50-125)
1-2 cts. Dry Fall Flat White	3.0-5.0	(75-125)
Aluminum:		
1 ct. DTM Wash Primer	0.7-1.3	(18-32)
1-2 cts. Dry Fall Flat White	3.0-5.0	(75-125)
Galvanizing:		
1 ct. DTM Wash Primer	0.7-1.3	(18-32)
1-2 cts. Dry Fall Flat White	3.0-5.0	(75-125)
Concrete/Masonry:		
1 ct. Heavy Duty Block Filler	10.0-18.0	(250-450)
1-2 cts. Dry Fall Flat White	3.0-5.0	(75-125)
Drywall:		
1 ct. PrepRite 200 Latex Primer	1.0-1.4	(25-35)
1-2 cts. Dry Fall Flat White	3.0-5.0	(75-125)
Wood, interior:		
1 ct. PrepRite Wall & Wood Primer	1.5-2.0	(40-50)
1-2 cts. Dry Fall Flat White	3.0-5.0	(75-125)

*Steel Spec primers also acceptable.

The systems listed above are representative of the product's use, other systems may be appropriate.

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.

Minimum recommended surface preparation:

- * Iron & Steel: SSPC-SP2
- * Aluminum: SSPC-SP1
- * Galvanizing: SSPC-SP1
- * Concrete & Masonry: SSPC-SP13/NACE 6, or ICRI 03732, CSP 1-3
- * Wood, interior: Clean, smooth, dust free
- * Primer required

Surface Preparation Standards					
	Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal		Sa 3	Sa 3	SP 5	1
Near White Metal		Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast		Sa 2	Sa 2	SP 6	3
Brush-Off Blast		Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted	C St 2	C St 2	SP 2	-
	Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted	C St 3	C St 3	SP 3	-
	Pitted & Rusted	D St 3	D St 3	SP 3	-

TINTING

Tint with Blend-A-Color Toner up to 2 fluid ounces maximum per gallon. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Not controlled for tint strength.

Tinting will affect the dryfall characteristics.

APPLICATION CONDITIONS

Temperature: 50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material)
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

NOTE: Dryfall characteristics will be adversely affected at temperatures below 77°F (25°C) or above 50% relative humidity.

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging: 5 gallon (18.9L) and 55 gallon (208L) containers

Weight: 12.4 ± 0.2 lb, 1.5Kg/L

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.

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

DISCLAIMER

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APPLICATION BULLETIN

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SURFACE PREPARATIONS

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.

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/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils / 50 microns). 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. Primer required.

Galvanized Steel

Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1 (recommended solvent is VM&P Naphtha). When weathering is not possible, or 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. Primer required.

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 (24°C). 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.

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. Prime with ProMar 200 Latex Wall Primer.

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 Standards

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted C St 2	C St 2	SP 2	-
Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted C St 3	C St 3	SP 3	-
Pitted & Rusted	D St 3	D St 3	SP 3	-

APPLICATION CONDITIONS

Temperature: 50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material)
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

NOTE: Dryfall characteristics will be adversely affected at temperatures below 77°F (25°C) or above 50% relative humidity.

APPLICATION EQUIPMENT

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

Below 100°F (38°C) VM&P Naphtha, R1K3
Above 100°F (38°C) Mineral Spirits, R1K4

Airless Spray

Pressure..... 2500 psi
Hose..... 1/4" ID
Tip017" - .019"
Filter 60 mesh
Reduction..... As needed, up to 5% maximum

Conventional Spray

Gun Binks 95
Fluid Nozzle 63C
Air Nozzle..... 63PB
Atomization Pressure..... 60 psi
Fluid Pressure..... 50 psi
Reduction..... As needed, up to 5% maximum

Brush Not recommended

Roller Not recommended

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



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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mixing Instructions: Mix paint thoroughly to a uniform consistency with slow speed power agitation prior to use.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	8.0 200	12.0 300
Dry mils (microns)	3.0 75	5.0 125
~Coverage sq ft/gal (m ² /L)	128 3.0	214 5.2
Theoretical coverage sq ft/gal (m ² /L) @ 1 mil / 25 microns dft	640 15.7	

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Schedule @ 8.0 mils wet (200 microns):

	@ 55°F/13°C	@ 77°F/25°C 50% RH	@ 100°F/38°C
To touch:	40 minutes	10 minutes	3 minutes
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Dry fallout	8-16 feet	8 feet	8 feet
To cure:	9 days	7 days	1 day

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.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with Mineral Spirits, R1K4. Clean tools immediately after use with Mineral Spirits, R1K4. Follow manufacturer's safety recommendations when using any solvent.

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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.

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.

Excessive reduction of material can affect film build, appearance, and adhesion.

Dry fall characteristics will be adversely affected at temperatures below 77°F (25°C) or above 50% relative humidity.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Mineral Spirits, R1K4.

Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs. Note that surface temperatures can be higher than air temperature.

Refer to Product Information sheet for additional performance characteristics and properties.

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