WATERBORNE ACRYLIC DRY FALL

B42W1	FLAT WHITE
B42T1	CLEAR TINT BASE FLAT
B42W2	EG-SHEL WHITE
B42BW3	FLAT BLACK

As of 09/14/2016, Complies with:			
OTC	Yes	LEED® 09 NC,.CI	Yes
OTC Phase II	Yes	LEED® 09 CS	Yes
SCAQMD	No	LEED® 09 S	Yes
CARB	Yes	LEED® v4 Emissions	No
CARB SCM 2007	Yes	LEED® v4 VOC	Yes
MPI	Yes		

CHARACTERISTICS

Waterborne Acrylic Dryfall is a water based, light reflective white coating (black also available) that falls dry in ten feet. Fallout can be swept up for easy cleanup of work area.

Features:

- Overspray cleans up easily
- Ten foot dry fallout
- High light reflectance
- Interior use
- Flash Rust Resistant

For use on properly prepared:

- Structural Steel
- Galvanized Metal
- Concrete/Masonry
- Drywall/Plaster
- Wood

Recommended for use in:

- Warehouses
- Industrial, commercial, and institutional buildings
- Textile mills
- Manufacturing facilities
- Gymnasiums
- Parking garage ceilings not exposed to direct weathering
- Suitable for use in USDA inspected facilities
- Light Reflectance Value of the White is 83%

SPECIFICATIONS

Color: White, Black, Clear Tint Base

Recommended Spread Rate per coat:

wet mils:	7.0 –11.0
dry mils:	2.9 - 4.5
coverage:	226 - 145 sq ft/gal approximate

Theoretical coverage: 657 sq ft/gal @ 1 mil dry

Drying Schedule @ 7.0 mils wet, 50% RH:

	@ 55°F	@ 77°F	@ 110°F
To touch:	45 minutes	30 minutes	20 minutes
To handle:	1 hour	45 minutes	30 minutes
To recoat:	2 hours	1 hour	1 hour
To cure:	2 days	4 hours	3 hours
Dry fallout:	10-20 feet	10 feet	10 feet

Drying and recoat times are temperature, humidity, and film thickness dependent.

Flash Point: N/A

Tinting with CCE: White, 0-2 oz/gal, not controlled for tinting strength

Check color before using: Ultradeep, up to 12 oz/gal

Shelf Life: 36 months, unopened

	B42W00001	B42W00002
Finish:	Flat 0-10°@85°	Eg-Shel 15-25@ 60°
VOC: (as per 40 CFR 59.406 and SOR/2009-264, s. 12)	84 g/L - 0.70 lb/gal	69 g/L - 0.58 lb/gal
Volume Solids:	41 ± 2%	41 ± 2%
Weight Solids:	60 ± 2%	53 ± 2%
Weight per Gallon:	12.10 lb/gal ± .2 lb	10.54 lb/gal ± .2 lb

RECOMMENDED SYSTEMS

Steel & Rusted Galvanized, acrylic primer:
1ct. Pro Industrial Pro-Cryl Primer
1-2cts. Waterborne Acrylic Dryfall

Aluminum:
1-2cts. Waterborne Acrylic Dryfall

Galvanized Metal:
1-2cts. Waterborne Acrylic Dryfall

Concrete Block:
1ct. Loxon Block Surfacer
1-2cts. Waterborne Acrylic Dryfall

Poured Concrete Walls, Interior:
1-2cts. Waterborne Acrylic Dryfall

Plaster and Wood, Interior:
1ct. Premium Wall & Wood Primer
1-2cts. Waterborne Acrylic Dryfall

Drywall:
1-2cts. Waterborne Acrylic Dryfall

Previously Painted:
1-2cts. Waterborne Acrylic Dryfall

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

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WATERBORNE ACRYLIC DRYFALL

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.

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/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-SP16 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 No. 310.2, 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. 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.

Previously Painted Surfaces - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

APPLICATION PROCEDURES

Apply paint at the recommended film thickness and spreading rate as indicated on front page. 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.

SAFETY PRECAUTIONS

Refer to the Safety Data Sheets (SDSs) before use.

PERFORMANCE TIPS

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas.
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. Plan painting schedules to avoid these influences during the first 16-24 hours of curing.

APPLICATION

Refer to the SDS sheet before use
Temperature: 50°F minimum
110°F maximum
(Air, surface, and material)
At least 5°F above dew point
Relative humidity: 75% maximum

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 compatible with the existing environmental and application conditions.

Reducer/Clean Up.....Soap & Water

Airless Spray
Pressure ..... 2800 psi
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 ..... Not recommended

Brush & Roll..... Not recommended

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.
In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.

CAUTION

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.

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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 The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.