



PRO

INDUSTRIAL™

113.70

WATERBORNE ACRYLIC DRYFALL FLAT

As of 07/05/2016. Complies with:		
OTC	Yes	LEED® 09 NC, Cl Yes
SCAQMD	Yes	LEED® 09 CS Yes
CARB	Yes	LEED® 09 S Yes
CARB SCM 2007	Yes	LEED® V4 Emissions Yes White
MPI	Yes	LEED® v4 VOC Yes

WHITE B42W00181
BLACK B42B00081
ULTRADEEP BASE B42T00081

CHARACTERISTICS

Waterborne Acrylic Dryfall is designed for professional airless spray application to interior ceilings and wall areas that are not subject to wear. With proper height/clearance, overspray is dry before it settles on floors, machinery or equipment. The dry overspray can then be easily removed by sweeping or by vacuum.

The bright, full-hiding, white can help increase an area's lighting efficiency.

Features:

- Overspray cleans up easily
- Interior use
- Bright White for better light reflectance
- Light Reflectance 88%
- Flash Rust Resistant

For use on properly prepared:

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

Flat White, B42W00181, will give typical dryfall performance on the above surfaces, and is specially engineered to provide good adhesion to Vulcraft® Decking.

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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

SPECIFICATIONS

Color: White, Black, Ultradeep Base

Recommended Spread Rate per coat:

wet mils: 6.0 - 9.0

dry mils: 1.5 - 2.3

coverage: 270 - 175 sq ft/gal approximate

Theoretical coverage: 401 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

B42W00181

Finish: 0-10°@85° Flat

VOC: < 50 g/L - 0.42 lb/gal
(as per 40 CFR 59.406 and SOR/2009-264, s. 12)

Volume Solids: 25 ± 2%

Weight Solids: 45 ± 2%

Weight per Gallon: 11.30 lb/gal ± .2 lb

Shelf Life: 24 months, store indoors at 40°F to 100°F.

RECOMMENDED SYSTEMS

Steel, alkyd primer:

1ct. Kem Bond HS

1-2cts. Pro Industrial WB Acrylic Dryfall

Concrete Block:

1ct. Heavy Duty Block Filler

1-2cts. Pro Industrial WB Acrylic Dryfall

Steel & Rusted Galvanized, acrylic primer:

1ct. Pro Industrial Pro-Cryl Primer

Or DTM Acrylic Primer/Finish

1-2cts. Pro Industrial WB Acrylic Dryfall

Poured Concrete Walls, Interior:

1-2cts. Pro Industrial WB Acrylic Dryfall

Aluminum:

1-2cts. Pro Industrial WB Acrylic Dryfall

Plaster and Wood, Interior:

1ct. Premium Wall & Wood Primer

1-2cts. Pro Industrial WB Acrylic Dryfall

Galvanized Metal:

1-2cts. Pro Industrial WB Acrylic Dryfall

Drywall:

1-2cts. Pro Industrial WB Acrylic Dryfall

Previously Painted:

1-2cts. Pro Industrial WB 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

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 2000 psi
Hose 1/4" ID
Tip013" - .017"
Filter 60 mesh
Reduction Not recommended

Conventional Spray

Gun Binks 95
Fluid Nozzle 63C
Air Nozzle 63FB
Atomization Pressure 60 PSI
Fluid Pressure 50 PSI
Reduction 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.

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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