



# PRO

## INDUSTRIAL™

113.70

## WATERBORNE ACRYLIC DRYFALL FLAT

WHITE  
BLACK  
ULTRADEEP BASE

B42W00181  
B42B00081  
B42T00081

As of 01/03/2019, Complies with:			
OTC	Yes	LEED® 09 NC, CI	Yes
OTC Phase II	Yes	LEED® 09 CS	Yes
SCAQMD	Yes	LEED® v4 Emissions (White & Black)	Yes
CARB	Yes	LEED® v4 VOC	Yes
CARB SCM 2007	Yes		
Canada	Yes	MPI	Yes

### 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 White 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.

VULCRAFT is a registered trademark of Nucor Corporation

#### 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: B42W00181 (may vary by base)

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

(may vary by base)

#### Finish:

0-10° @ 85° Flat

#### VOC: (less exempt solvent):

< 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. Pro Industrial 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

#### Plaster and Wood, Interior:

1ct. Premium Wall & Wood Primer  
1-2cts. Pro Industrial WB Acrylic Dryfall

#### Aluminum:

1-2cts. Pro Industrial WB Acrylic Dryfall

#### Drywall:

1-2cts. Pro Industrial WB Acrylic Dryfall

#### Galvanized Metal:

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  
Tip ..... 0.13" - 0.17"  
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.

HOTW 01/03/2019 B42W00181 12 24

FRC, SP