



PRO

INDUSTRIAL™

113.70

WATERBORNE ACRYLIC DRYFALL FLAT

WHITE B42W00181
BLACK B42B00081
ULTRADEEP BASE B42T00081

As of 07/05/2016, Complies with:			
OTC	Yes	LEED® 09 NC, CI	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

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.

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:

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

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..... .013" - .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.

HOTW 07/05/2016 B42W00181 07 42

FRC, SP

MATERIAL SAFETY DATA SHEET

B42W181
07 00

DATE OF PREPARATION
Nov 1, 2016

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

B42W181

PRODUCT NAME

PRO INDUSTRIAL™ Waterborne Acrylic Dryfall - Flat, White

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY
101 W. Prospect Avenue
Cleveland, OH 44115

Telephone Numbers and Websites

Product Information	(800) 524-5979 www.sherwin-williams.com
Regulatory Information	(216) 566-2902 www.paintdocs.com
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300
*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	Ingredient	Units	Vapor Pressure
0.2	14808-60-7	Crystalline Silica, respirable powder		
		ACGIH TLV	0.025 mg/m3 as Resp. Dust	
		OSHA PEL	0.1 mg/m3 as Resp. Dust	
2	14464-46-1	Cristobalite		
		ACGIH TLV	0.025 mg/m3 as Resp. Dust	
		OSHA PEL	0.05 mg/m3 as Resp. Dust	
18	1332-58-7	Kaolin		
		ACGIH TLV	Not Available	
		OSHA PEL	15 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	
11	13463-67-7	Titanium Dioxide		
		ACGIH TLV	10 mg/m3 as Dust	
		OSHA PEL	10 mg/m3 Total Dust	
		OSHA PEL	5 mg/m3 Respirable Fraction	

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

HMIS Codes

Health	1*
Flammability	0
Reactivity	0

SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water.
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL	FLAMMABILITY CLASSIFICATION
Not Applicable	Not Applicable	Not Applicable	Not Applicable
	Applicable	Applicable	

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.
 Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE

STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.
 Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.
 Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
 Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Required for long or repeated contact.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	11.30 lb/gal	1353 g/l
SPECIFIC GRAVITY	1.36	
BOILING POINT	212 - 213 °F	100 - 100 °C
MELTING POINT	Not Available	
VOLATILE VOLUME	74%	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	Not Available	
pH	> 2.0, < 11.5	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
0.23 lb/gal	28 g/l	Less Water and Federally Exempt Solvents
0.06 lb/gal	7 g/l	Emitted VOC

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

TOXICOLOGY DATA

CAS No.	Ingredient Name			
14808-60-7	Crystalline Silica, respirable powder	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
14464-46-1	Cristobalite	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
1332-58-7	Kaolin	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
13463-67-7	Titanium Dioxide	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IATA/ICAO

Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
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No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.



Webster University Interdisciplinary Science Building - Interior

SPECTRA PAINTING COMPANY, LP
13573 SAINT CHARLES ROCK RD
BRIDGETON, MO 630442431

Prepared By:

Mark Cassani
Sales Representative
swrep6270@sherwin.com
(314) 941-0286



SCHEDULE

Interior Finishes

Gypsum Board (Flat Sheen) - Ceilings

Primer: B28W02600 - ProMar® 200 Zero VOC Interior Latex Primer

First & Second Coats: B30W02651 - ProMar® 200 Zero VOC Interior Latex Flat

PT-1 SW7004 Snowbound

Gypsum Board (Eggshell Sheen) - Walls

Primer: B28W02600 - ProMar® 200 Zero VOC Interior Latex Primer

First & Second Coats: B20W12651 - ProMar® 200 Zero VOC Interior Latex Eg-Shel

PT-1 SW7004 Snowbound, PT-2 BM 2018-40 Nacho Cheese, PT-3 SW6509 Georgian Bay, PT-4 SW7667 Zircon

Zinc-Coated (Galvanized) Metal (Semi-Gloss Sheen)

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer

First & Second Coats: B20W12651 - ProMar® 200 Zero VOC Interior Latex Eg-Shel

PT-5 SW6991 Black Magic

Overhead Exposed Construction (Deck, Joists, Steel)

Finish: B42W00181 - Pro Industrial Waterborne Acrylic Dryfall Flat

PT-1 SW7004 Snowbound

Ferrous Metal (Semi-Gloss Sheen) Hollow Metal Doors and Frames

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer

Finish: B31W02651 - ProMar® 200 Zero VOC Interior Latex Semi-Gloss

PT-5 SW6991 Black Magic

Gypsum Board (Semi-Gloss Sheen) - Walls

Primer: B28W08200 - ProMar® 200 Interior Latex Primer

Finish: B31W02651 - ProMar® 200 Zero VOC Interior Latex Semi-Gloss

PT-4 SW7667 Zircon

END OF SECTION



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0483

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 02/08/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: interior painting product data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☒ Due Date: 11/07/2016

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		099123-001	1		02/08/2017	interior painting product data	Submitted

NOTES:

CC:

Signed: _____
Devin Gates