



# PRO

## INDUSTRIAL™

## MULTI-SURFACE ACRYLIC

B66-1500 SERIES  
B66-1550 SERIES  
B66-1560 SERIES

GLOSS  
SEMI-GLOSS  
EG-SHEL

As of 10/15/2018, Complies with:			
OTC	Yes	LEED® 09 NC CI	Yes
OTC Phase II	Yes	LEED® 09 CS	Yes
SCAQMD	Yes	LEED® v4 Emissions	No
CARB	Yes	LEED® v4 VOC	Yes
CARB SCM 2007	Yes		
Canada	Yes	MPI Gloss & Eg-Shel	Yes

### PRODUCT DESCRIPTION

**Pro Industrial Multi-Surface Acrylic** is a waterborne acrylic for interior and exterior use on marginally prepared metal or masonry surfaces. Features multiple sheens, fast dry, easy application and dry fall properties.

- Self-priming directly to multiple surfaces
- Excellent one-coat hide and stain blocking
- Excellent adhesion to slick and glossy surfaces
- Abrasion resistant
- Optimized for spray application
- Good exterior color and gloss retention
- Dries fast and dry falls in 10-15 feet
- Suitable for use in USDA inspected facilities

### PRODUCT CHARACTERISTICS

**Color:** most colors

**Extra White B66W01501**  
(may vary by base)

**Recommended Spread Rate per coat:**

Wet mils: 3.75 - 6.0  
Dry mils: 1.5 - 2.5  
Coverage: 263 - 435 sq ft/gal

Approximate spreading rates are calculated on volume solids and do not include any application loss. Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Finish:** 10-20@85° Eg-Shel  
35-45@60° Semi-Gloss  
70+@60° Gloss

**Tinting with CCE:**

Base	oz/gal	Strength
Extra White	0-6	Sher-Color
Ultra-deep	10-14	Sher-Color

Tinting will affect the dryfall characteristics

### SPECIFICATIONS

Extra White:	B66W01501	B66W01551 (may vary by color)	B66W01561
<b>VOC (less exempt solvents):</b>	<50 g/L; <0.42 lb/gal As per 40 CFR 59.406		
<b>Volume Solids:</b>	41 ± 2%	38 ± 2%	39 ± 2%
<b>Weight Solids:</b>	52 ± 2%	50 ± 2%	51 ± 2%
<b>Weight per Gallon:</b>	10.31 lb/gal ± 2%	10.25 lb/gal ± 2%	10.39 lb/gal ± 2%
<b>Flash Point:</b>	N/A	N/A	N/A
<b>Vehicle Type:</b>	Acrylic	Acrylic	Acrylic
<b>Shelf Life:</b>	24 months	24 months	24 months
<b>Drying Schedule @ 5.0 mils wet, 50% RH:</b>			
	<b>@ 50°F</b>	<b>@ 77°F</b>	<b>@ 110°F</b>
To touch:	1 hr	30 min	15 min
To handle:	2 hrs	1 hr	30 min
To recoat:	4 hrs	2 hrs	1 hr
Dryfall:	10-15 ft.	10 ft.	10 ft.

Drying, and recoat times are temperature, humidity, and film thickness dependent. Dry fall characteristics will be affected at temperatures below 77°F(25°C) or above 50% RH.

### RECOMMENDED SYSTEMS

<b>Steel:</b> 2 cts. Pro Industrial Multi-Surface Acrylic	<b>Galvanizing:</b> 2 cts. Pro Industrial Multi-Surface Acrylic
<b>Steel:</b> 1 ct. Pro Industrial Pro-Cryl Primer 2 cts. Pro Industrial Multi-Surface Acrylic	<b>Concrete Block:</b> 1 ct. Pro Industrial Heavy Duty Block Filler 2 cts. Pro Industrial Multi-Surface Acrylic
<b>Aluminum:</b> 2 cts. Pro Industrial Multi-Surface Acrylic	<b>Concrete/Masonry:</b> 2 cts. Pro Industrial Multi-Surface Acrylic

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

**System Tested:** (unless otherwise indicated)

<b>Substrate:</b>	Steel
<b>Surface Preparation:</b>	SSPC-SP10
<b>Finish:</b>	2 ct. Pro Industrial Multi-Surface Acrylic, B66W01501 6 mils WFT, 2.5 mils DFT per coat

**Abrasion Resistance**  
Method: ASTM D4060, CS17 wheel,  
1000 cycles, 1 kg load  
Result: 28.1 mg loss

**Adhesion**  
Method: ASTM D4541,  
Result: >1100 psi

**Direct Impact Resistance:**  
Method: ASTM D2794  
Result: 36 in. lb

**Dry Heat Resistance:**  
Method: ASTM D2485  
Result: 300°F

**Flexibility:**  
Method: ASTM D522, 180° bend,  
1/8" mandrel  
Result: Passes

**Pencil Hardness:**  
Method: ASTM D3363  
Result: 4H



# PRO INDUSTRIAL MULTI-SURFACE ACRYLIC

## 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 per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. 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-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 Block** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 55°F (13°C) before filling. Use Heavy Duty Block Filler or Loxon Block Surfacer. The filler must be thoroughly dry before topcoating.

**Masonry** - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

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

Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs.

Dry fall characteristics will be affected by tinting and at temperatures below 77°F(25°C) or above 50% RH.

## SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label and refer to the Safety Data Sheets (SDSs) before use. **FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

## PERFORMANCE TIPS

No painting should be done immediately after a rain or during foggy weather.

Do not paint on wet surfaces.

Check adhesion by applying a test strip to determine the readiness for painting.

## APPLICATION

**Temperature:** 50°F minimum  
100°F maximum  
(Air, surface, and material)  
At least 5°F above dew point  
**Relative humidity:** 85% 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:** 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

**Brush** ..... Nylon / polyester  
Reduction .....Not recommended

Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained

**Roller** .....1/4" woven  
Reduction .....Not recommended

If specific application equipment is listed above, equivalent equipment may be substituted.

## 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.

HOTW	10/15/2018	B66W01501	11 44
HOTW	10/15/2018	B66W01551	05 44
HOTW	10/15/2018	B66W01561	10 44
FRC, SP, KOR			