



PRO INDUSTRIAL™

113.04

MULTI-SURFACE ACRYLIC

B66-500 SERIES
B66-560 SERIESGLOSS
EG-SHEL

As of 03/01/2013, Complies with:			
OTC	Yes	LEED® 09 CI	Yes
SCAQMD	No	LEED® 09 NC	Yes
CARB	Yes	LEED® 09 CS	Yes
CARB SCM 2007	Yes	LEED® 09 S	Yes
MPI	114 Gloss	NGBS	No

CHARACTERISTICS

Pro Industrial Multi-Surface Acrylic is a waterborne acrylic gloss for interior and exterior use on marginally prepared metal or masonry surfaces. Features gloss, 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
- Optimized for spray application
- Good exterior color and gloss retention
- Dries fast and dry falls in 10 feet
- Suitable for use in USDA inspected facilities

Color: most colors

Recommended Spread Rate per coat:

Wet mils:	3.75 - 5.0
Dry mils:	1.5 - 2.0
Coverage:	325 - 434 sq ft/gal approximate

Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Time @ 5.0 mils wet 50% RH:

	@ 50°F	@ 77°F	@ 110°F
To touch:	1 hr	30 min	15 min
Tack free:	2 hrs	1 hr	30 min
To recoat:	4 hrs	2 hrs	1 hr
Dryfall:	10 ft	10 ft	10 ft

Drying time is temperature, humidity, and film thickness dependent.

Finish: Eg-Shel, Gloss

Flash Point: N/A

Shelf Life: 12 months, unopened
Store indoors at 40°F to 100°F.

Tinting with CCE, BAC or EnviroToner:

Base	oz/gal	Strength
Extra White	0-6	150%
Ultradeep	12-18	150%

B66W00501 (may vary by color)

VOC (EPA Method 24): Unreduced:
<150 g/L; <1.25 lb/gal

Volume Solids: 41 ± 2%

Weight Solids: 53 ± 2%

Weight per Gallon: 10.3 lb/gal ±2%

RECOMMENDED SYSTEMS

Steel:

2 cts. Pro Industrial Multi-Surface Acrylic

Steel:

1 ct. Pro Industrial Pro-Cryl Primer
2 cts. Pro Industrial Multi-Surface Acrylic

Aluminum:

2 cts. Pro Industrial Multi-Surface Acrylic

Galvanizing:

2 cts. Pro Industrial Multi-Surface Acrylic

Concrete Block:

1 ct. Heavy Duty Block Filler
2 cts. Pro Industrial Multi-Surface Acrylic

Concrete/Masonry:

2 cts. Pro Industrial Multi-Surface Acrylic

System Tested: (unless otherwise indicated)

Substrate: Steel
Surface Preparation: SSPC-SP10
Finish: 1 ct. Pro Industrial Multi-Surface Acrylic

Abrasion Resistance

Method: ASTM D4060, CS17 Wheel,
1000 cycles, 1 kg load
Result: 260 mg loss

Direct Impact Resistance:

Method: ASTM D2794
Result: 100 in. lb

Dry Heat Resistance:

Method: ASTM D2485
Result: 200°F

Flexibility:

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

Pencil Hardness:

Method: ASTM D3363
Result: B

PRO INDUSTRIAL™ MULTI-SURFACE ACRYLIC



SHERWIN-WILLIAMS.

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-SP7 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 03732, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Surface temperatures must be at least 55°F before filling. If required for a smoother finish, use the recommended filler/surfacer. The filler/surfacer must be thoroughly dry before topcoating per manufacturer's recommendations.

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.

APPLICATION

Refer to the MSDS before using

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.

Airless Spray

Pressure2000 psi
Hose 1/4" ID
Tip013" - .017"
Filter 60 mesh
ReductionNot recommended

Conventional Spray

Gun Binks 95
Fluid Nozzle.....63C
Air Nozzle63FB
Atomization Pressure 60 PSI
Fluid Pressure 50 PSI
ReductionNot recommended

Brush Nylon / polyester
ReductionNot recommended
Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained

Roller1/4" woven
ReductionNot 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 Mineral Spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using Mineral Spirits.

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 to obtain the most recent Product Data Information and Application Bulletin. The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.