Pro Industrial™
Multi-Surface Acrylic Eg-Shel
B66-1560 Series

CHARACTERISTICS
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.

Features:
- Self-priming directly to multiple surfaces
- Excellent one-coat hide and stain blocking
- 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

For use on properly prepared:
Steel, Galvanized & Aluminum, Concrete and Masonry.

Finish:
10-20° @85°

Color:
Most colors

Recommended Spreading Rate per coat:
Wet mils: 3.75-6.0
Dry mils: 1.5-2.3
Coverage: 271-416 sq.ft. per gallon

Theoretical Coverage:
625 sq. ft. per gallon

APPLICATION

Temperature:
minimum 50°F
maximum 100°F

Relative humidity:
85% maximum

Relative humidity:
At least 5°F above dew point

Reduction:
Water

Airless Spray:
Pressure
2000 p.s.i.
Hose
1/4 inch I.D.
Tip
.013 - .017 inch
Filter
60 mesh

Conventional Spray:
Gun
Binks 95
Fluid Nozzle
63 C
Air Nozzle
63 FB
Atomization Pressure
60 p.s.i.
Fluid Pressure
50 p.s.i.
Reduction:
Not recommended

Brush
Nylon-polyester

Roller Cover
1/4 inch woven

Tinting with CCE only:
Tinting will affect dryfall characteristics.

Base
oz. per gallon
Strength
Extra White
0-6
SherColor
Ultradeep Base
10-14
SherColor

Extra White B66W01561
(may vary by color)

V.O.C. (less exempt solvents):
less than 50 grams per litre; 0.42 lbs. per gallon
As per 40 CFR 59.406

Volume Solids:
39 ± 2%
Weight Solids:
51 ± 2%
Weight per Gallon:
10.39 lb
Flash Point:
N/A
Vehicle Type:
Acrylic
Shelf Life:
24 months, unopened

SPECIFICATIONS
Steel®
2 coats Pro Industrial Multi-Surface Acrylic

Steel:
1 coat Pro Industrial Pro-Cryl Primer or Pro Industrial DTM Primer/Finish or Kem Bonds HS or Zinc Clad Primer
1-2 coats Pro Industrial Multi-Surface Acrylic

Aluminum:
1-2 coats Pro Industrial Multi-Surface Acrylic

Aluminum (Water Based Primer):
1 coat Pro Industrial Pro-Cryl Primer
1-2 coats Pro Industrial Multi-Surface Acrylic

Concrete Block (CMU):
1 coat Pro Industrial Heavy Duty Blockfiller or Loxon Acrylic Block Surfer
1-2 coats Pro Industrial Multi-Surface Acrylic

Concrete/Masonry:
1 coat Loxon Concrete & Masonry Primer (if needed) or Loxon Conditioner (if needed)
2 coats Pro Industrial Multi-Surface Acrylic

Drywall:
1 coat ProMar 200 Zero V.O.C. Primer
1-2 coats Pro Industrial Multi-Surface Acrylic

Galvanizing:
2 coats Pro Industrial Multi-Surface Acrylic

Pre-Finished Siding:
1 coat Bond-Plex Waterbased Acrylic or DTM Bonding Primer
1-2 coats Pro Industrial Multi-Surface Acrylic

Wood, exterior:
1 coat Exterior Wood Primer
1-2 coats Pro Industrial Multi-Surface Acrylic

Wood, interior:
1 coat Premium Wall & Wood Primer
1-2 coats Pro Industrial Multi-Surface Acrylic

*Primer recommended for best performance
### 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-LEAD (in US) or contact your local health authority.

Do not use hydrocarbon solvents for cleaning. Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly, and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, oil, grease, and paint should be removed by the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service life of the system.

**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 Pro Industrial Heavy Duty Block Filler or Loxon Acrylic Block Filler. 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 masonry 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.

**Wood** - Surface must be clean, dry, and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. 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. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile.

### PERFORMANCE

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

**Substrate:** Steel

**Surface Preparation:** SSPC-SP10

**Finish:** 2 coats Pro Industrial Multi-Surface Acrylic

B66W01561, 2.5 DFT per coat

**Adhesion:**

- Method: ASTM D4541
- Result: 1212 p.s.i.

**Abrasion Resistance:**

- Method: ASTM D4060, CS17 wheel, 1000 cycles, 1000 mg load
- Result: 65.5 mg loss

**Corrosion Weathering:**

- Method: ASTM D5894, 5 cycles
- Result: Rating 10, per ASTM D714 for Blistering. Rating 7 per ASTM D1654 for corrosion

**Direct Impact Resistance:**

- Method: ASTM D2794
- Result: 28 inch lb.

**Dry Heat Resistance:**

- Method: ASTM D2485
- Result: 300°F

**Flexibility:**

- Method: ASTM D522, 1/8 inch mandrel
- Result: Pass

**Pencil Hardness:**

- 30 days
- Method: ASTM D3363
- Result: H

**Water Vapor Permeance (US):** 22.74 Perms

- Method: ASTM D1653 grains/hr ft² in Hg

*over Pro Industrial Pro-Cryl Primer

### SAFETY PRECAUTIONS

Before using, carefully read CAUTIONS on label. Refer to the Safety Data Sheets (SDS) 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.

### CLEANUP INFORMATION

Clean spills, spatters, 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.

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