



**PURCHASING  
AND MATERIALS  
MANAGEMENT**

**City of Myrtle Beach  
SOUTH CAROLINA**

**(843) 918-2170  
FAX: (843) 918-2182  
[www.cityofmyrtlebeach.com](http://www.cityofmyrtlebeach.com)**

**Addendum #1  
January 17, 2017  
Proposal 17-R0052  
Painting Law Enforcement Annex Building**

Please see the attached spec sheets from Sherwin Williams.

Proposal opening date changed to: 2:00PM Monday, January 26, 2017.

City of Myrtle Beach  
Tina Causey  
Purchasing /Buyer



## SCHEDULE

### Interior Finishes

#### **Drywall ( Previously Painted)**

2 Coats: K45W00151 - Pro Industrial PreCatalyzed Waterbased Epoxy Eg-Shel

*Surface to be clean dry and dull prior to coating. All drywall patch areas to be primed prior to painting*

#### **Steel ( Door Frames)**

2 Coats: B66T00504 - Pro Industrial Multi-Surface Acrylic Gloss

*Existing to be scuff sanded 100 grit profile- cleaned then recoat same color*

*( Concerns with existing coating, appears coating applied over lightly prepped or glossy previous coating)*

END OF SECTION



## **SURFACE PREPARATION**

### **1) Previously Coated Surfaces**

Maintenance painting will frequently not permit or require complete removal of all old coatings prior to repainting. However, all surface contamination such as oil, grease, loose paint, mill scale, dirt, foreign matter, rust, mold, mildew, mortar, efflorescence, and sealers must be removed to assure sound bonding to the tightly adhering old paint. Glossy surfaces of old paint films must be clean and dull before repainting. Thorough washing with an abrasive cleanser will clean and dull in one operation, or, wash thoroughly and dull by sanding. Spot prime any bare areas with an appropriate primer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility by applying a test patch of the recommended coating system, covering at least 2 to 3 square feet. Allow to dry one week before testing adhesion per ASTM D3359. If the coating system is incompatible, complete removal is required.

**END OF SPECIFICATION**

---



# PRO INDUSTRIAL™

113.01

## PRE-CATALYZED WATERBASED EPOXY

K45-150 SERIES EG-SHEL  
K46-150 SERIES SEMI-GLOSS

As of 06/24/2015, Complies with:			
OTC	Yes	LEED® 09 CI	Yes
SCAQMD	No	LEED® 09 NC	Yes
CARB	Yes	LEED® 09 CS	Yes
CARB SCM 2007	Yes	NGBS	Yes
MPI	Yes		

### CHARACTERISTICS

**Pro Industrial Pre-Catalyzed Waterbased Epoxies** are single-component pre-catalyzed waterborne acrylic epoxies that offers the adhesion, durability and resistance to stains and most cleaning solvents usually characteristic of two-component waterborne acrylic epoxy products.

These products can be applied over a wide variety of primers on properly prepared interior metal, wood, masonry, plaster and drywall.

- Interior institutional/commercial high maintenance areas
- Upgrade surfaces painted with conventional coatings with a high performance protection system with excellent adhesion
- Corrosion and Chemical resistant
- Hospitals and Schools
- Institutional dining and kitchen areas
- Suitable for use in USDA inspected facilities

**Color:** most colors

**Recommended Spread Rate per coat:**

4.0 mils wet; 1.5 mils dry  
350 - 400 sq ft/gal

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

**Drying Time @ 4.0 mils wet, 50% RH, 77°F:**  
temperature and humidity dependent

Touch: 1 hour  
Recoat: 8 hours

Drying time is temperature, humidity, and film thickness dependent. If this product dries 72 hours or longer it must be sanded before it is recoated. This product is fully cured in approximately 5 - 7 days.

**Finish:**

Eg-Shel 20 - 30 units @ 85°  
Semi-Gloss 55 - 65 units @ 60°

**Flash Point:** N/A

**Shelf Life:** 36 months, unopened

Store indoors at 40°F to 100°F.

**Tinting with CCE or BAC:**

Use SherCOLOR Formulation System

**K45W00151**

**VOC (less exempt solvents):**

135 g/L; 1.12 lb/gal

**Volume Solids:** 36 ± 2%

**Weight Solids:** 51 ± 2%

**Weight per Gallon:** 10.63 lb ± 0.2 lb

### RECOMMENDED SYSTEMS

#### Block

1 ct. Loxon Block Surfacers  
2 cts. Pro Industrial Pre-Catalyzed Epoxy

#### Drywall

1 ct. ProMar 200 Zero VOC Primer  
2 cts. Pro Industrial Pre-Catalyzed Epoxy

#### Masonry

1 ct. Loxon Concrete & Masonry Primer  
2 cts. Pro Industrial Pre-Catalyzed Epoxy

#### Steel, Aluminum, Galvanized

1 ct. Pro Industrial Pro-Cryl Primer  
2 cts. Pro Industrial Pre-Catalyzed Epoxy

#### Wood

1 ct. Premium Wall and Wood Primer  
2 cts. Pro Industrial Pre-Catalyzed Epoxy

#### System Tested:

Substrate: Steel  
Surface Preparation: SSPC-SP6  
Primer: 1 ct. DTM Acrylic Primer  
Finish: 1 ct. Pro Industrial Pre-Catalyzed Epoxy Eg-Shel

#### Adhesion

Method: ASTM D3359  
Result: 5B  
100% Adhesion for light colors; Darker colors require longer cure time for same level of adhesion

#### Block Resistance

Lab Assessment Excellent

#### Chemical Resistance

ASTM D 1308 Rating:

Excellent Resistance	•
Limited Resistance	X

Distilled Water ..... •  
(Hot and at Room Temperature) ..... •  
Ethyl Alcohol ..... •  
Vinegar (3% acetic acid) ..... •  
Alkali (10% Sodium Hydroxide) ..... •  
Acid (10% Sulfuric Acid) ..... •  
Soap (10% Fantastik®) ..... •  
50/50 Xylene/Mineral Spirits ..... •

**Mildew Resistant** This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

#### Pencil Hardness:

Method: ASTM D3363  
Result: 2B

#### Scrub Resistance

Method: ASTM D 2486  
Result: 500 - 600cycles  
with Stiff Bristle Brush and Pumice Scrub Media

#### Stain Resistance

ASTM D 3023 Rating:

Excellent Resistance	•
Limited Resistance	X

Mustard ..... •  
Grape Juice ..... •  
Red Crayon ..... X  
Lipstick, Red ..... •  
Permanent Ink ..... X  
Coffee ..... •  
10% Sodium Hydroxide (alkali) ..... •  
Acetic Acid ..... •

**PRO INDUSTRIAL™  
PRE-CATALYZED WATERBASED EPOXY**



**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.

Remove all surface contamination including mildew by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with an appropriate primer/sealer.

**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.

**Drywall** - Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Wood** - Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

**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 SDS before use.

**Temperature:** 50°F minimum  
120°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**

Pressure..... 1800 - 2700 psi  
Hose..... 1/4" ID  
Tip..... .015" - .021"  
Filter..... 60 mesh  
Reduction..... Not recommended

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

**Roller** ..... 1/4 - 1/2" woven  
Reduction..... Not recommended

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

**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.

**CAUTION**

Not for use on surfaces continuously wet or under water, such as bath tubs, sinks, showers, or countertops.

HOTW 06/24/2015 K45W00151 11 135  
KOR

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 or visit [www.paintdocs.com](http://www.paintdocs.com) to obtain the most current version of the PDS and/or an SDS.



# PRO INDUSTRIAL™

113.04

## MULTI-SURFACE ACRYLIC

B66-500 SERIES  
B66-560 SERIES

GLOSS  
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	NCBS	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

**Galvanizing:**  
 2 cts. Pro Industrial Multi-Surface Acrylic

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

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

**Aluminum:**  
 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**

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 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.