



RECREATION AND PARKS

**Informal Bid Request**

**Project:**

Exterior Restroom Upgrade  
H. Boyd Lee Park  
Greenville, NC

**Scope of Work:**

Provide material and labor to renovate and repair the exterior restrooms located at H. Boyd Lee Park. The work will include but is not limited to painting, replacement of vanities, installation of a new ceiling and batt insulation.

**Special Conditions:**

Work must comply with all OSHA safety guidelines.  
Contractor responsible for all needed paper work to obtain required permits. All permits must be posted prior to the commencement of work.  
Contractor responsible for all work associated within the scope of work.  
*A mandatory pre-bid meeting will be held Tuesday, November 15, 2022 at 10:00 AM at the site.*

**Work Location:**

H. Boyd Lee Park  
5184 Corey Road  
Greenville, NC

**Bid Submittal deadline:**

**Tuesday, November 29, 2022 @ 2:00 PM**  
Via email to: [mwatson@greenvillenc.gov](mailto:mwatson@greenvillenc.gov)

## INVITATION FOR INFORMAL BID ON

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### EXTERIOR RESTROOM UPGRADE – H. BOYD LEE PARK

#### INSTRUCTIONS FOR BIDDERS

The person, firm or corporation making a proposal shall submit a bid to *Mike Watson, Parks Coordinator*, at the Jaycee Park Administrative office located at 2000 Cedar Lane, Greenville N.C., 27835, on or before the hour and day stated on the attached bid request form. The preferred method of delivery of the bid is by email to [mwatson@greenvillenc.gov](mailto:mwatson@greenvillenc.gov). The bid may also be mailed to the address above but must be received prior to the submittal deadline time and date stated and shall have the words *Bid Enclosed, Ext. Restroom HBLP Attn: Mike Watson* along with the company name on the outside of the envelope.

All mailed bids received in the office will be marked with the date and time they are received by reception staff. Bids will not be opened and read aloud. The bids will be opened and evaluated and a tabulation sheet will be available upon request once the contract is awarded to the successful bidder.

The bidder shall include the required responses and supply all the information as indicated on the Bid Form, Attachment A. The prices inserted shall be net and shall be the full cost including all factors whatsoever. Any bids not submitted on such forms provided will be considered unresponsive.

No bid may be changed or withdrawn after the time of the opening. Any modifications or withdrawals requested before this time shall be acceptable only when such request in writing is made to *Mike Watson, Parks Coordinator*.

The City of Greenville reserves the right to reject any and all bids, to waive any formalities, and to accept the bid or any portion thereof that is deemed most advantageous to the City. Any bid submitted will be binding for 60 days after the opening.

The scope of work attached represents the minimum specification or description of work to be purchased or contracted. These requirements are not intended to prevent fair responses or to eliminate competition, but they are intended for the protection of each and every proposer to insure, if possible, that all bids submitted shall be upon a fair and comparable basis.

It is expressly understood by the bidders that written notice of award and/or receipt of purchase order will constitute agreement by the City to consummate the transaction and will serve together with the proposal, scope of work, and these instructions as the entire form of contract between the parties except in cases where formal contracts are warranted.

**All work shall be FOB, Greenville, N. C.**

**Each bidder shall affirm that no official or employee of the City of Greenville is directly or indirectly interested in this proposal for any reason of personal gain.**

**Minority and/or Women Business Enterprise (MWBE) Program:**

**It is the policy of the City of Greenville to provide minorities and women equal opportunity for participating in all aspects of the City's contracting and procurement programs, including but not limited to, construction projects, supplies and materials purchases, and professional and personal service contracts. In accordance with this policy, the City has adopted a Minority and Women Business Enterprise (M/WBE) Plan and subsequent program, outlining verifiable goals.**

**The City has established a 10% Minority Business Enterprise (MBE) and 6% Women Business Enterprise (WBE) goal for the participation of MWBE firms in supplying goods and services for the completion of this project. All firms submitting bids agree to utilize minority and women-owned firms whenever possible.**

**Questions regarding the City's MWBE Program should be directed to Tish Williams, MWBE Coordinator, at (252) 329-4462.**

**Equal Employment Opportunity Clause:**

**The City has adopted an Equal Employment Opportunity Clause, which is incorporated into all specifications, purchase orders, and contracts, whereby a vendor agrees not to discriminate against any employee or applicant for employment on the basis of race, color, religion, sex, national origin or ancestry. By submitting qualifications and/or proposals, the firm is attesting that they are an Equal Opportunity Employer.**

**Federal law (Rehabilitation Act and ADA) prohibits handicapped discrimination by all governmental units. By submitting a proposal, the vendor is attesting to its policy of nondiscrimination regarding the handicapped.**

**Sales taxes may be listed on the proposal, but as a separate item. No charge will be allowed for Federal Excise and Transportation tax from which the City is exempt.**

**New vendors must register with the City of Greenville's online portal, Vendor Self Service.**

**Vendors must maintain workers compensation, general liability and vehicle insurance for duration of the project that comply with City of Greenville minimum limits.**

The City of Greenville has adopted a Local Preference Policy, Resolution No. 056-13, and a Professional and other Services Policy, Resolution No. 057-13 that may pertain to this project. For more information please see the City of Greenville's webpage at [www.greenvillenc.gov/financialservices/purchasingdivision](http://www.greenvillenc.gov/financialservices/purchasingdivision).

**E-VERIFY COMPLIANCE:** The Contractor shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. Further, if the Contractor utilizes a Subcontractor, the Contractor shall require the Subcontractor to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. By submitting a proposal, The Proposer represents that their firm and its Subcontractors are in compliance with the requirements of Article 2 Chapter 64 of the North Carolina General Statutes.

**IRAN DIVESTMENT ACT:** Vendor certifies that: (i) it is not on the Iran Final Divestment List created by the NC State treasurer pursuant to N.C.G.S. 147-86.58; (ii) it will not take any actions causing it to appear on said list during the term of any contract with the City, and (iii) it will not utilize any subcontractor to provide goods and services hereunder that is identified on said list.

**LIQUIDATED DAMAGES:** If the Contractor fails to complete the work within the time specified in the bid package, the Contractor shall pay liquidated damages to the City of Greenville in the amount of \$100.00 for each calendar day of delay until the work is completed or accepted.

If your firm is unable to submit a bid for any reason, please send an email or letter of explanation.

Questions regarding any part of this proposal shall be directed via email to Mike Watson, Parks Coordinator, at [mwatson@greenvillenc.gov](mailto:mwatson@greenvillenc.gov)

All emailed and mailed bids shall be submitted on the attached bid submittal form, Attachment A.

There will be a mandatory pre-bid meeting at the site on Tuesday, November 15, 2022 at 10:00 AM.

Site is located at:  
H. Boyd Lee Park  
5184 Corey Road  
Greenville, NC

Mike Watson  
Parks Coordinator  
Recreation & Parks Department  
2000 Cedar Lane  
City of Greenville, N. C. 27835  
[mwatson@greenvillenc.gov](mailto:mwatson@greenvillenc.gov)

## Exterior Restroom Upgrade – H. Boyd Lee Park

### Scope of Work

#### Scope

Provide labor and material to renovate and repair the exterior restrooms at H. Boyd Lee Park. The Base Bid shall include but is not limited to prepping and painting of walls and steel beams, installation of a complete dropped ceiling system, installation of batt insulation, the replacement of existing vanities with sinks and faucets. Alternate One will be to replace the existing toilet partitions in the women's room.

#### Demolition

Any debris associated with the work shall be removed and properly disposed of offsite.

#### Material/Installation

##### General:

1. Contractor shall be responsible for all measurements.
2. Any accessories that are to be removed shall be stored by the contractor and reinstalled prior to the completion of the project.
3. Contractor shall be responsible for providing a safe work site at all times.
4. All areas of work shall be cleaned up and any material will need to be out of the way after work is completed for the day.
5. Contractor shall take caution to protect all areas associated with the work. Any damaged area shall be prepared before final payment is issued.
6. ***Work can start as soon as the purchase order is issued. All work shall be completed by Friday, February 24, 2023. Liquidated damage will apply if not completed on time.***

##### Base Bid:

1. Scrape and remove all loose and peeling paint. Prep and prepare all surfaces per recommended specifications. Paint all walls, metal beams, doors and frames that will be below the installed dropped ceiling. Products shall be by Sherwin Williams or approved equal. See Attachment B for schedule of primer and paint and for the product data sheets. Safety data sheets are available upon request.
2. Seal all visible holes and penetrations in the metal portions of the wall and ceiling with material designed for the application. Install minimum of R-15 batt insulation the full length and between each metal stud.
3. Remove the existing vanities, sinks and faucets. Install new plastic laminate covered vanities and backsplash to match the size of the existing. Color of laminate will be selected from manufacturer's standard colors by the owner. Install new sinks to match the style and color of the existing. Install new

chrome metering faucets by American Standard, Moen, or equal. New faucets shall match the style of the existing.

4. Install dropped ceilings using a 2' x 2' grid with ceiling tiles. Ceilings shall be installed over the existing lights mounted on the wall. Install ductwork and supply grille in the ceiling to extend the existing heating system supply.
5. Install an additional surface mounted light on the wall over the urinals in the men's room. The electrical can be tied into the existing lights if needed.
6. Replace the exterior "RESTROOM" sign. Sign material shall be 3mm aluminum composite material with premium cast digital print media and UV laminate. Background to match the blue color of the existing sign. Font is Frutiger, 10" high. Sign can be purchased by contacting Courtney Steed with Signsmith at 252-752-4321.

Alternate #1:

1. In the women's restroom; remove and replace the existing metal toilet partitions with new solid plastic toilet partitions. Layout shall be equal to the existing. Color and design shall match the existing toilet partitions that are in the men's restroom.

**Warranty**

Provide a standard manufacturer's warranty on all material and a 2 year labor warranty from the contractor.

**Bid Form**

Exterior Restroom Upgrade – H. Boyd Lee Park

<b>Contractor Name and Address:</b>  _____  _____  _____	
<b>Phone Number:</b> _____	<b>Date:</b> _____
<b><i>Bid Amount:</i></b>	\$ _____
<b><i>Alternate #1:</i></b>	\$ _____
<b>Addenda:</b> _____	
<b>Submitted by:</b> _____	
<b>Signature:</b> _____	

***BIDS ARE DUE BY 2:00 PM TUESDAY, NOVEMBER 29, 2022***

## ATTACHMENT B

Schedule:



H. Boyd Lee Park Restrooms  
November 3, 2022

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### Cinder Block

**Primer-Sealer:** LX02W0050 – LOXON Concrete and Masonry Primer-Sealer  
**Finish:** B79-300 Series – Pro Industrial Water Based Catalyzed Epoxy – 2 coats

### Steel/Ferrous Metal

**Primer:** B66-1300 Series – Pro Industrial Pro-Cryl Universal Primer  
**Finish:** B79-300 Series – Pro Industrial Water Based Catalyzed Epoxy – 2 coats

### Metal Doors and Frames

**Primer:** B66-1300 Series – Pro Industrial Pro-Cryl Universal Primer  
**Finish:** B79-300 Series – Pro Industrial Water Based Catalyzed Epoxy – 2 coats

*Color will be from manufacturer's standard selections.*

*Safety Data Sheets are available upon request*



# Loxon® Concrete and Masonry Primer-Sealer

U.S. LX02W0050 White, Canada LX02WQ050 White



## CHARACTERISTICS

**Loxon Concrete & Masonry Primer-Sealer** is an acrylic coating specifically engineered for interior and exterior, above-grade, masonry surfaces requiring a high performance primer. It is highly alkali and efflorescence resistant and can be applied to surfaces with a pH of 6 to 13.

**Loxon Concrete & Masonry Primer-Sealer:**  
Seals and adheres to concrete, brick, stucco and plaster

Conditions porous masonry surfaces

Use on above grade masonry surfaces for a long-lasting finish

Apply to masonry and concrete surfaces that are at least 7 days old.

Prevents harm to subsequent coatings by alkalis in the substrate

### For use on these surfaces:

Concrete, Concrete Block, Brick, Stucco, EIFS, Fiber Cement Siding, Plaster, Mortar, Exterior Wall Cladding

**Color:** White

### Coverage:

Wet mils: 5.3-8.0

Dry mils: 2.1-3.2

Coverage sq.ft. per gallon 200-300

Coverage on porous & rough stucco 80 square feet per gallon

**Drying Schedule 77° F @ 50% RH:**  
@ 77°F  
4 hours

**Touch:** 4 hours

**Recoat:** 24 hours

Air and surface temperatures must not drop below 40°F for 48 hours after application.

Drying and recoat times are temperature, humidity and film thickness dependent.

**Finish:** 0-10 units @85°

### Tinting with CCE only:

For best topcoat color development, use the recommended "P"-shade primer. If desired, up to 4 oz. per gallon of ColorCast Ecotoners can be used to approximate the topcoat color. Check color before use.

### White LX02W0050

### V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs.per gallon  
As per 40 CFR 59.406  
40 ± 2%

**Volume Solids:** 40 ± 2%

**Weight Solids:** 55 ± 2%

**Weight per Gallon:** 10.92 lb

**Flash Point:** NA

**Vehicle Type:** Acrylic

**Shelf Life:** 36 months,unopened

## COMPLIANCE

As of 04/07/2021, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>S.C.A.Q.M.D.</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>CARB SCM 2020</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	Yes
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	Yes
<b>MIR-Product Lens Certified</b>	Yes
<b>MPI®</b>	Yes

## APPLICATION

### Temperature:

minimum 40°F

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:** No reduction necessary

**Airless Spray:**

Pressure 2000-2700 p.s.i.

Tip .019 inch

**Brush** Use a nylon-polyester brush.

**Roller Cover** Use a 1/2 to 1<sup>1/2</sup> inch nap synthetic cover.

Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.

For porous block a coat of Loxon Acrylic Block Surfacer is required to achieve a pinhole free surface.

Apply at temperatures above 40°F. When the air temperature is at 40°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 40°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 4-6 hours.

Do not apply at air or surface temperatures below 40°F or when air or surface temperatures may drop below 40°F within 48 hours.

For best performance results, avoid painting in direct sun or painting substrates with elevated surface temperatures.

Do not reduce.

May be applied to damp but not to wet surfaces.

## APPLICATION TIPS

Apply paint at the recommended film thickness and spreading rate as indicated on the page. Application of coating below minimum recommended spreading rate may adversely affect the coating systems performance.

When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.

For optimal performance, this primer-sealer must be topcoated with a latex, alkyd-oil, water based epoxy, or solvent based epoxy coating on architectural applications.

For exterior use, this primer-sealer must be topcoated within 14 days to prevent degradation due to weathering.

## RECOMMENDED SYSTEMS

### Concrete, Masonry, Cement

1 coat Loxon Concrete and Masonry Primer

2 coats Appropriate topcoat

### Stucco, Fiber Cement Siding, EIFS:

1 coat Loxon Concrete and Masonry Primer

2 coats Appropriate topcoat

### Recommended Architectural Topcoats:

A-100 Exterior Latex

Duration Exterior & Duration Home Interior

Emerald Exterior & Interior

Loxon Masonry Coatings

SuperPaint Exterior & Interior

ProClassic Interior

ProMar Interior

### Recommended Industrial Topcoats:

Industrial Enamels

Pro Industrial Series

Steel Master 9500 Silicone Alkyd

Water Based Catalyzed Epoxy

Industrial finishes have been tested for architectural applications only. Loxon Concrete and Masonry Primer has not been tested in environments subject to chemical attack. Any recommendations for use in such areas must follow a thorough evaluation of the effects of the environment on the Loxon Concrete and Masonry Primer and topcoat system.

Loxon®

## Concrete and Masonry Primer-Sealer

### 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 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 the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

#### **Masonry, Concrete, Stucco:**

All new surfaces must cure for at least 7 days. Remove all form release and curing agents. Pressure clean to remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding. Repair cracks, voids, and other holes with an appropriate patching compound or sealant.

Concrete and mortar must be cured at least 7 days at 75°F. Moisture content must be 15% or lower. On tilt-up and poured-in-place concrete, commercial detergents and sandblasting may be necessary to remove sealers, release compounds, and to provide an anchor pattern. Fill bugholes, air pockets and other voids with an elastomeric patch or sealant.

#### **Caulking**

Fill gaps between walls, ceilings, crown moldings, and other trim with the appropriate caulk after priming the surface.

### SURFACE PREPARATION

#### **Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

### PHYSICAL PROPERTIES

Do not paint on wet surfaces.

#### **LX02W0050**

**Water Vapor Permeance (US) :** 25.79 perms

Method: ASTM D1653 grains/(hr ft<sup>2</sup> in Hg)

#### **Flexibility:**

Method: ASTM D522, method B, 180° bend, 1/8 inch mandrel

Result: Pass

#### **Alkali Resistance:**

Method: ASTM D1308

Result: Pass

#### **Mildew Resistance:**

Method: ASTM D3273/D3274

Result: Pass

#### **Efflorescence:**

Method: ASTM D7072-04

Result: None

#### **Wind Driven Rain Test:**

Method: ASTM D6904-03

Result: Pass

### CAUTIONS

For interior or exterior use.

Protect from freezing.

Do not apply at temperatures below 40°F. Air and surface temperatures must not drop below 40°F for 48 hours after application.

Before using, carefully read **CAUTIONS** on label.

**CRYSTALLINE SILICA, ZINC.** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**  
HOTW 04/07/2021 LX02W0050 42 46  
FRC, SP

### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with a compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

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.

113.05A

# Pro Industrial™ Pro-Cryl® Universal Primer

B66-1300 Series



## CHARACTERISTICS

**Pro Industrial Pro-Cryl® Universal Primer** is an advanced technology, self cross-linking acrylic primer. It is rust inhibitive and was designed for both construction and maintenance applications. It can be used as a primer under water-based or solvent-based high performance topcoats.

### Features:

- Rust inhibitive, corrosion resistant
- Single component
- Early moisture resistant
- Fast dry
- Lower temperature application 40°F
- Interior and exterior use
- Suitable for use in USDA inspected facilities

### For use on properly prepared:

Steel, Galvanized & Aluminum, wood

**Finish:** Low Sheen

**Color:** Off White, Medium Grey, and Red Oxide

### Recommended Spreading Rate per coat:

Wet mils: 5.0-10.0

Dry mils: 1.9-3.8

Coverage: 160-320 sq. ft. per gallon

**Theoretical Coverage:** 609 sq. ft. per gallon @ 1 mil dry

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.

### Drying Schedule @ 6.0 mils wet, @ 50% RH:

Drying, and recoat times are temperature, humidity, and film thickness dependent.

**@40°F      @77°F      @120°F**

To touch      2 hours    40 minutes    20 minutes

Tack free      8 hours      2 hours      1 hour

To recoat      16 hours      4 hours      2 hours

**Tinting:** DO NOT TINT

### Off White B66W01310

(may vary by base)

**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:** 38 ± 2%

**Weight Solids:** 49 ± 2%

**Weight per Gallon:** 10.09 lb

**Flash Point:** N/A

**Shelf Life:** 36 months, unopened

## COMPLIANCE

As of 10/11/2021, Complies with:

<b>OTC</b>	<b>Yes</b>
<b>OTC Phase II</b>	<b>Yes</b>
<b>S.C.A.Q.M.D.</b>	<b>Yes</b>
<b>CARB</b>	<b>Yes</b>
<b>CARB SCM 2007</b>	<b>Yes</b>
<b>CARB SCM 2020</b>	<b>Yes</b>
<b>Canada</b>	<b>Yes</b>
<b>LEED® v4 &amp; v4.1 Emissions</b>	<b>Yes</b>
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	<b>Yes</b>
<b>EPD-NSF® Certified</b>	<b>Yes</b>
<b>MIR-Manufacturer Inventory</b>	<b>Yes</b>
<b>MPI®</b>	<b>Yes</b>

## APPLICATION

**Temperature:**  
minimum 40°F  
maximum 120°F  
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 p.s.i.  
Hose 1/4 inch I.D.  
Tip .015 - .019 inch  
Filter 60 mesh

**Conventional Spray:**  
Gun Binks 95  
Fluid Nozzle 66  
Air Nozzle 63 PB  
Atomization Pressure 60 p.s.i.  
Fluid Pressure 25 p.s.i.

**Reduction:** as needed up to 5 % by volume  
**Brush** Nylon-polyester  
**Roller Cover** 3/8 inch woven

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

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. For best results on rusty surfaces, always apply first coat by brush. When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

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

For optimal performance, this primer should be topcoated.

For exterior exposure, this primer should be topcoated within 14 days. If 14 days is exceeded remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Finish with appropriate topcoat.

## SPECIFICATIONS

### Acceptable Water Based topcoats:

- 1-2 coats Pro Industrial Acrylic Coating or Pro Industrial Acrylic Dryfall
- Pro Industrial DTM Acrylic
- Pro Industrial Multi-Surface Acrylic
- Pro Industrial Pre-Catalyzed Epoxy
- Pro Industrial Pre-Catalyzed Urethane
- Pro Industrial Water Based Acrolon 100
- Pro Industrial Water Base Alkyd Urethane
- Pro Industrial Water Based Catalyzed Epoxy
- Sherwin-Williams Architectural Coatings

### Acceptable Solvent Based topcoats:

- Pro Industrial High Performance Epoxy
- Pro Industrial Series
- Industrial Enamels
- Steel Master 9500 Silicone Alkyd
- Tile-Clad HS Epoxy
- Water Based Catalyzed Epoxy

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

10/2021

www.sherwin-williams.com

continued on back



# Pro Industrial™ Pro-Cryl® Universal Primer

## 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.**

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, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Hand Tool Cleaning per SSPC-SP2. Remove all oil and grease from the surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Prime the area the same day as cleaned. Self priming

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

**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. Self priming.

**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.

**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.

## SURFACE PREPARATION

**Mildew**- Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

## PERFORMANCE

**System Tested:** (unless otherwise indicated)  
**Substrate:** Steel  
**Surface Preparation:** SSPC-SP10  
**Finish:** 1 coat Pro Industrial Pro-Cryl Off White  
 1 coat Pro Industrial Acrylic Coating

**Adhesion:**  
 Method: ASTM D4541  
 Result: 500 p.s.i.

**Corrosion Weathering:**  
 Method: ASTM D5894, 10 cycles,  
 3360 hours  
 Result: Passes

**Direct Impact Resistance:**  
 Method: ASTM D2794  
 Result: greater than 140 inch lb.

**Dry Heat Resistance:**  
 Method: ASTM D2485  
 Result: 200°F

**Flexibility:**  
 Method: ASTM D522, 180° bend,  
 1/4 inch mandrel  
 Result: Passes

**Moisture Condensation Resistance:**  
 Method: ASTM D4585, 100°F,  
 1250 hours  
 Result: Passes

**Pencil Hardness:**  
 Method: ASTM D3363  
 Result: B

**Salt Fog Resistance:**  
 Method: ASTM B117, 1250 hours  
 Result: Passes

Provides performance comparable to products formulated In Lieu of federal specification: AA5057 and Paint Specification: SSPC-Paint 23.

## 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.

HOTW	10/11/2021	B66W01310	04 40
HOTW	10/11/2021	B66A01320	05 39
HOTW	10/11/2021	B66N01310	05 40
FRC			

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™ Water Based Catalyzed Epoxy

B73-300 Series


**SHERWIN  
WILLIAMS**

## CHARACTERISTICS

Pro Industrial Water Based Catalyzed Epoxy is an interior-exterior two component polyamine epoxy topcoat. Designed for use in commercial and industrial applications.

### Features:

- It provides excellent corrosion resistance
- Abrasion resistant
- Chemical resistant
- Early moisture resistant
- Good adhesion to concrete, metal, or primed substrates
- Suitable for use in USDA inspected facilities

### For use on properly prepared:

Steel, Galvanized, Concrete and Masonry, Wood, Drywall and Previously Painted.

**Finish:** 90°+ @60° Gloss  
15-25°+ @85° Eg-Shel

**Color:** Most colors

### Recommended Spreading Rate per coat:

Wet mils: 5.0-12.0  
Dry mils: 2.0-4.9

Coverage: sq.ft. per gallon 134-328

**Theoretical Coverage:** 657

sq. ft. per gallon @1 mil dry

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.

### Drying Schedule @ 7.0 mils wet, @ 50% RH:

Drying, and recoat times are temperature, humidity, and film thickness dependent.

	@50°F	@77°F	@100°F
To touch:	1 hr.	45 min.	25 min.
To handle	5 hrs.	4 hrs.	2 hrs.
Minimum recoat:	8 hrs.	6 hrs.	3 hrs.
Maximum recoat*	30 days	30 days	30 days
To cure	7 days	7 days	7 days
Pot Life	8 hrs.	5.5 hrs.	3.5 hrs.

**Sweat-In-Time** none required

**Mix Ratio:** 2 components, premeasured 4:1

\*If maximum recoat time is exceeded, abrade surface before recoating.

**Tinting with CCE only:** at 100% strength.

Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

### Extra White B73W00311/B73V00300

(may vary by color)

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

As per 40 CFR 59.406

**Volume Solids:** 41 ± 2%

**Weight Solids:** 50 ± 2%

**Weight per Gallon:** 9.97 lb

**Flash Point:** N/A

**Vehicle Type:** Polyamine Epoxy

**Shelf Life:** Part A: 24 months

Part B: 36 months

## COMPLIANCE

As of 08/10/2020, Complies with:

OTC	Yes
OTC Phase II	Yes
SCAQMD	Yes
CARB	Yes
CARB SCM 2007	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	Yes
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	Yes
MIR-Manufacturer Inventory	Yes
MPI	Yes

## APPLICATION

**Temperature:**  
minimum 50°F  
maximum 100°F

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:** 2000 p.s.i.

Pressure 1/4 inch I.D.

Hose .015-.017 inch

Tip 60 mesh

Filter 60 mesh

**Reduction** As needed up to 10% by volume

**Brush** Nylon-polyester

**Roller Cover** 3/8 inch woven solvent resistant core

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

Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance. 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, over thinning, climatic conditions, and excessive film build.

Mix contents of each component thoroughly with low speed power agitation. Make certain no pigment remains on the bottom of the can. Then combine four parts by volume of Part A with one part by volume of Part B. Thoroughly agitate the mixture with power agitation. Re-stir before using. If reducer is used, add only after both components have been thoroughly mixed together. Do not apply the material beyond recommended pot life. Do not mix previously catalyzed material with new.

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle. No painting should be done immediately after a rain or during foggy weather.

All epoxies will chalk and fade when un-topcoated in exterior environments. Apply appropriate topcoat if aesthetics are required.

## SPECIFICATIONS

### Steel and Galvanizing:

1 coat Pro Industrial Pro-Cryl Primer  
2 coats Pro Industrial Water Based Epoxy

### (For high performance aesthetics exterior):

1 coat Pro Industrial Pro-Cryl Primer  
1 coat Pro Industrial Water Based Epoxy  
1-2 coats Pro Industrial Water Base Acrolon 100

### Concrete and Masonry:

1-2 coats Filler-Surfacer as required to fill voids and provide a continuous surface.

### Suitable surfacers Interior-Exterior are:

Loxon Acrylic Block Surfacer,  
Pro Industrial Heavy Duty Block Filler,  
Kem Cati-Coat HS Epoxy Filler  
Cement-Plex 875  
2 coats Pro Industrial Water Based Epoxy

### (For high performance aesthetics exterior):

1-2 coats Filler-Surfacer as required to fill voids and provide a continuous surface.  
1 coat Pro Industrial Water Based Epoxy  
1-2 coats Pro Industrial Water Base Acrolon 100

### Concrete and Masonry Smooth:

2 coats Pro Industrial Water Based Epoxy

### (For high performance aesthetics exterior):

1 coat Pro Industrial Water Based Epoxy  
1-2 coats Pro Industrial Water Base Acrolon 100

### Drywall:

1 coat ProMar 200 Zero V.O.C. Primer  
1-2 coats Pro Industrial Water Based Epoxy

### Wood, interior:

1 coat Premium Wall and Wood Primer  
2 coats Pro Industrial Water Based Epoxy

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



# Pro Industrial Water Based Catalyzed 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.

**When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse. 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, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Iron & Steel** - Minimum surface preparation is Power Tool Clean per SSPC-SP3. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1 (recommended preparation is Steam Cleaning). 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.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaned.

**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 50°F before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Acrylic 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.

**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.

## SURFACE PREPARATION

**Previously Painted Surface** - 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.

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

## PERFORMANCE

Extra White B73W00361/B73V00300

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

**Substrate:** Steel  
**Surface Preparation:** SSPC-SP6  
**Finish:** 1 coat Kem Bond HS  
@ 3.0 mils D.F.T.  
1 coat Pro Industrial Waterbased Catalyzed Epoxy  
@3.7 D.F.T. 7 day cure

**Abrasion Resistance:**  
**Method:** ASTM D4060, CS17 wheel  
1000 cycles, 500 g load  
**Result:** 32.5 mg loss

**Adhesion:**  
**Method:** ASTM D4541  
**Result:** 1059 p.s.i.

**Scrub Resistance:**  
**Method:** based on ASTM D2486  
**Result:** 8000 scrubs

**Dry Heat Resistance:**  
**Method:** ASTM D2485  
**Result:** 250°F

**Pencil Hardness:**  
**Method:** ASTM D3363  
**Result:** 6H

**WVP Perms (US):** grains/(hr ft<sup>2</sup> in Hg)  
**Gloss:** 12.12  
**Eg-Shel:** 10.04

**Chemical Resistance Rating:**  
**B73W00361/B73V00300**

(1 hour direct exposure to dry film incidental contact)  
Ammonia- Pass  
10% Hydrochloric Acid- Pass  
25% Sodium Hydroxide-Pass  
Mineral Spirits-Pass  
Motor Oil-Pass  
Methyl Alcohol-Pass  
Aliphatic Hydrocarbon Solvent-Pass  
70% Isopropanol-Pass  
Methanol-Pass

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## 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.

HOTW	08/10/2020	B73W311/B73V300	15 00
HOTW	08/10/2020	B73W313/B73V300	13 00
HOTW	08/10/2020	B73T304/B73V300	15 00

HOTW	08/10/2020	B73W361/B73V300	13 00
HOTW	08/10/2020	B73W363/B73V300	08 00
HOTW	08/10/2020	B73T364/B73V300	07 00

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