



Procurement Division
Public Services Building
2051 Kaen Road
Oregon City, OR 97045
(503) 742-5444 (Office)

REQUEST FOR QUOTES (RFQ) #2017-54

Issue Date: July 11, 2017

Project Name:	Exterior Painting of the North Clackamas Aquatic Park		
Quote Due Date/Time:	August 3, 2:00 PM		
Mandatory Walkthrough:	July 25, 2:00 PM		
Contract Analyst:	Ryan Rice	Phone:	503-742-5446
		Email:	rrice@clackamas.us

**SUBMIT QUOTES VIA EMAIL TO PROCUREMENT@CLACKAMAS.US
OR MAIL/HAND DELIVERY TO THE ABOVE ADDRESS**

**PLEASE NOTE: EMAIL SUBMISSIONS SHOULD HAVE
“#2017-54 EXTERIOR PAINTING OF NCAP” IN THE SUBJECT LINE**

1. ANNOUNCEMENT AND SPECIAL INFORMATION

Quoters are required to read, understand, and comply with all information contained within this Request for Quotes (“RFQ”). All quotes are binding upon Quoter for sixty (60) days from the Quote Due Date/Time. Quotes received after the Quote Due Date/Time may not be considered. If authorized in the RFQ and resulting contract, travel and other expense reimbursement will only be reimbursed in accordance with the Clackamas County travel reimbursement policy in effect at the time the expense is incurred.

It will be the responsibility of potential Quoters to refer daily to the Bids and Contract Information Page (www.clackamas.us/bids/index.html) to check for any available addenda, response to clarifying questions, cancellations or other information pertaining to this RFQ.

All questions regarding this RFQ are to be directed to the Contract Analyst named above.

2. SCOPE

The purpose of this RFQ is to purchase exterior painting of the North Clackamas Aquatic Park building. The following specifications apply:

- a) Sherwin-Williams products are specified for use on this project (See attached product specification sheets);
- b) Follow Sherwin-Williams surface preparation and application specifications for each product specified;
- c) Contractor will provide all materials, tools, and manpower necessary to complete the specified work;
- d) Colors to be provided by owner (2 to 3);
- e) Contractor will work with Owner to schedule work at times that will minimally impact Aquatic Park operations;
- f) Contractor will warranty all work performed for 1 year from substantial completion;
- g) Contractor will protect and preserve all non-painted surfaces from overspray/drips;
- h) Contractor will be responsible for containing and cleanup of all prep generated waste and debris caused by pressure washing, scraping, etc. including all disposal;
- i) All Work shall meet Requirements of the City of Milwaukie Building Codes Department if applicable;

- j) OSHA working standards will apply and Contractor will be responsible for access and following all Safety Data Sheets for each product used and listed on the Sherwin-Williams website.

The following items are included and incorporated within this RFQ:

- Building Drawings A4.1, A4.2, A1.1
- Sherwin-Williams Product Specifications

Key Dates:

Commencement Date: Upon Issuance of Notice to Proceed

Substantial Completion: October 31, 2017

Final Completion: November 30, 2017

*Attendance at a Mandatory Pre-Quote Walkthrough is required to be eligible to quote on this opportunity. **The Mandatory Pre-Quote Walkthrough will be conducted at 7300 SE Harmony Road, Milwaukie, Oregon 97222 on July 25, 2017 at 2:00PM.*** Attendance will be documented through a sign-in sheet.

Prevailing Wage Requirements

Prevailing Wage Rates requirements apply to this project because the maximum compensation for all owner-contracted work is more than \$50,000. The selected contractor and all subcontractors shall comply with the provision of ORS 279C.800 through 279C.870, relative to the Prevailing Wage Rates and the required public works bond.

PREVAILING WAGE RATES for Public Works Contracts in Oregon, July 1, 2017, which can be downloaded at the following web

address: http://www.oregon.gov/boli/WHD/PWR/JULY2017/July_1_2017_PWR.pdf.

The Work will take place in Clackamas County, Oregon.

Performance and Payment Bonds

Should quote exceed **\$50,000** the Contractor must obtain and pay for **performance and payment** bonds which shall be a required part of the Contract.

The County may reject a quote that does not comply with prescribed public contracting procedures and requirements, including the requirement to demonstrate the Quoter's responsibility under ORS 279C.375(3)(b), and the County may reject for good cause all quotes after finding that doing so is in the public's interest.

Quoter must be actively licensed with the Oregon Construction Contractor's Board at the time of Quote submission and throughout any performance of work if awarded a contract.

3. Quote

Quotes should be short and concise with the following information:

- A. Not-to-exceed price to complete the project-complete attached Quote Schedule;
- B. Availability window to commence services and estimated completion timeline; and
- C. Any additional information that Clackamas County should take into consideration for the project or qualifications.

4. Evaluation

The quote received from the lowest responsive responsible Quoter will be awarded a contract. The "lowest responsive responsible Quoter" is the lowest Quoter who has substantially complied with all requirements of the Request for Quote and who can be expected to deliver promptly and perform reliably in the determination of Clackamas County.

CLACKAMAS COUNTY CERTIFICATIONS
RFQ #2017-54

Each Quoter must read, complete and submit a copy of this Clackamas County Certification with their Quote. Failure to do so may result in rejection of Quote. By signature on this Certification the undersigned certifies that they are authorized to act on behalf of the Quoter and that under penalty of perjury the undersigned will comply with the following:

SECTION I. OREGON TAX LAWS

As required in ORS 279B.110(2)(3), the undersigned hereby certifies that, to the best of the undersigned's knowledge, the Quoter is not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" means a state tax imposed by ORS 320.005 to 320.150 and 403.200 to 403.250 and ORS chapters 118, 314, 316, 317, 318, 321, 323, and elderly rental assistance program under ORS 310.630 to 310.706, and local taxes administered by the Department of Revenue under ORS 305.620, all as applicable. If a contract is executed, this information will be reported to the Internal Revenue Service. Information not matching IRS records could subject Quoter to 28% backup withholding.

SECTION II. NON-DISCRIMINATION

The undersigned hereby certifies that the Quoter has not and will not discriminate in its employment practices with regard to race, creed, age, religious affiliation, sex, disability, sexual orientation, national origin, or any other protected class. Nor has Quoter or will Quoter discriminate against a subcontractor in the awarding of a subcontract because the subcontractor is a disadvantaged business enterprise, a minority-owned business, a woman-owned business, a business that a service-disabled veteran owns or an emergency small business that is certified under ORS 200.055.

SECTION III. CONFLICT OF INTEREST

The undersigned hereby certifies that no elected official, officer, agency or employee of Clackamas County is personally interested, directly or indirectly, in any resulting contract from this RFQ, or the compensation to be paid under such contract, and that no representation, statements (oral or in writing), of the County, its Commissioners, officers, agents, or employees had induced Quoter to submit this Quote. In addition, the undersigned hereby certifies that this proposal is made without connection with any person, firm, or corporation submitting a quote for the same material, and is in all respects fair and without collusion or fraud.

SECTION IV. COMPLIANCE WITH SOLICITATION

The undersigned further agrees and certifies that they:

1. Have read, understand and agree to be bound by and comply with all requirements, instructions, specifications, terms and conditions of the RFQ (including any attachments); and
2. Are an authorized representative of the Quoter, that the information provided is true and accurate, and that providing incorrect or incomplete information may be cause for rejection of the Quote or contract termination; and
3. Will furnish the designated item(s) and/or service(s) in accordance with the RFQ and Quote; and
4. Will use recyclable products to the maximum extent economically feasible in the performance of the contract work set forth in this RFQ.

Firm Name: _____ Date: _____

Signature: _____ Title: _____

Name: _____ Telephone: _____

Email: _____ OR CCB # (if applicable): _____

Business Designation (check one):

☐ Corporation ☐ Partnership ☐ Sole Proprietorship ☐ Non-Profit ☐ Limited Liability Company

☐ Resident Quoter, as defined in ORS 279A.120

☐ Non-Resident Quote. Resident State: _____

Oregon Business Registry Number: _____

CLACKAMAS COUNTY INSTRUCTIONS TO QUOTERS

Quotes are subject to the applicable provisions and requirements of the Clackamas County Local Contract Review Board Rule C-047-0270 (Intermediate Procurements) and Oregon Revised Statutes.

QUOTE PREPARATION

1. **QUOTE FORMAT:** Quotes must be submitted as indicated in the RFQ. Quotes may be submitted in writing to Clackamas County via e-mail, mail or in person.
2. **CONFORMANCE TO RFQ REQUIREMENTS:** Quotes must conform to the requirements of the RFQ. Unless otherwise specified, all items quoted are to be new, unused and not remanufactured in any way. Any requested attachments must be submitted with the quote and in the required format. Quote prices must be for the unit indicated on the quote. Failure to comply with all requirements may result in quote rejection.
3. **ADDENDA:** Only documents issued as addenda by Clackamas County serve to change the RFQ in any way. No other directions received by the Quoter, written or verbal, serve to change the RFQ document. NOTE: IF YOU HAVE RECEIVED A COPY OF THE RFQ, YOU SHOULD CONSULT THE CLACKAMAS COUNTY BIDS AND CONTRACT INFORMATION WEBSITE (www.clackamas.us/bids/index.html) TO ENSURE THAT YOU HAVE NOT MISSED ANY ADDENDA OR ANNOUNCEMENTS. QUOTERS ARE NOT REQUIRED TO RETURN ADDENDUMS WITH THEIR QUOTE. HOWEVER, QUOTERS ARE RESPONSIBLE TO MAKE THEMSELVES AWARE OF, OBTAIN AND INCORPORATE ANY CHANGES MADE IN ANY ADDENDA ISSUED, AND TO INCORPORATE ANY CHANGES MADE BY ADDENDUM INTO THEIR FINAL QUOTE. FAILURE TO DO SO MAY, IN EFFECT, MAKE THE QUOTER'S QUOTE NON-RESPONSIVE, WHICH MAY CAUSE THE QUOTE TO BE REJECTED.
4. **USE of BRAND or TRADE NAMES:** Any brand or trade names used by Clackamas County in the specifications are for the purpose of describing and establishing the standard of quality, performance and characteristics desired and are not intended to limit or restrict competition. Quoters may submit quotes for substantially equivalent products to those designated unless the RFQ provides that a specific brand is necessary because of compatibility requirements, etc. All such brand substitutions shall be subject to approval by Clackamas County.
5. **PRODUCT IDENTIFICATION:** Quoters must clearly identify all products quoted. Brand name and model or number must be shown. Clackamas County reserves the right to reject any quote when the product information submitted with the quote is incomplete.
6. **FOB DESTINATION:** Unless specifically allowed in the RFQ, ***QUOTE PRICE MUST BE F.O.B. DESTINATION with all transportation and handling charges included in the Quote.***
7. **DELIVERY:** Delivery time must be shown in number of calendar days after receipt of purchase order.
8. **EXCEPTIONS:** Any deviation from quote specifications, or the form of the Clackamas County Public Improvement Contract, may result in quote rejection at County's sole discretion.
9. **SIGNATURE ON QUOTE:** Quotes must be signed by an authorized representative of the Quoter. Signature on a quote certifies that the quote is made without connection with any person, firm or corporation making a quote for the same goods and/or services and is in all respects fair and without collusion or fraud. Signature on a quote also certifies that the Quoter has read and fully understands all quote specifications, and the Clackamas County Public Improvement Contract (including insurance requirements). No consideration will be given to any claim resulting from quoting without comprehending all requirements of the RFQ.
10. **QUOTE MODIFICATION:** Quotes, once submitted, may be modified in writing before the time and date set for quote closing. Any modifications should be signed by an authorized representative, and state that the new document supersedes or modifies the prior quote. Quoters may not modify quotes after quote closing time.
11. **QUOTE WITHDRAWALS:** Quotes may be withdrawn by request in writing signed by an authorized representative and received by Clackamas County prior to the Quote Due Date/Time. Quotes may also be withdrawn in person before the Quote Due Date/Time upon presentation of appropriate identification.

- 12. QUOTE SUBMISSION:** Quotes may be submitted by returning to Clackamas County Procurement Division in the location designated in the introduction of the RFQ via email, mail or in person; however, no oral or telephone quotes will be accepted. Envelopes, or e-mails containing Quotes should contain the RFQ Number and RFQ Title.

QUOTE EVALUATION AND AWARD

- 1. PRIOR ACCEPTANCE OF DEFECTIVE PROPOSALS:** Due to limited resources, Clackamas County generally will not completely review or analyze quotes which fail to comply with the requirements of the RFQ or which clearly are not the best quotes, nor will Clackamas County generally investigate the references or qualifications of those who submit such quotes. Therefore, neither the return of a quote, nor acknowledgment that the selection is complete shall operate as a representation by Clackamas County that an unsuccessful quote was complete, sufficient, or lawful in any respect.
- 2. DELIVERY:** Significant delays in delivery may be considered in determining award if early delivery is required.
- 3. CASH DISCOUNTS:** Cash discounts will not be considered for award purposes unless stated in the RFQ.
- 4. PAYMENT:** Quotes which require payment in less than 30 days after receipt of invoice or delivery of goods, whichever is later, may be rejected.
- 5. INVESTIGATION OF REFERENCES:** Clackamas County reserves the right to investigate references and or the past performance of any Quoter with respect to its successful performance of similar services, compliance with specifications and contractual obligations, and its lawful payment of suppliers, sub-contractors, and workers. Clackamas County may postpone the award or execution of the contract after the announcement of the apparent successful Quoter in order to complete its investigation. Clackamas County reserves the right to reject any quote or to reject all quotes at any time prior to Clackamas County's execution of a contract if it is determined to be in the best interest of Clackamas County to do so.
- 6. METHOD OF AWARD:** Clackamas County reserves the right to make the award by item, groups of items or entire quote, whichever is in the best interest of Clackamas County.
- 7. QUOTE REJECTION:** Clackamas County reserves the right to reject any and all quotes.
- 8. QUOTE RESULTS:** Quoters who submit a quote will be notified of the RFQ results. Awarded quote files are public records and available for review by submitting a public records request or by appointment.

**North Clackamas Aquatic Park Painting
- Quote Schedule**

North Clackamas Park and Recreation District July 2017

BASE Quote

Item No.	Spec No.	Description	Unit	Quantity	Unit Price	Total
1	00210	Mobilization	LS	1		
2	108.36	Efis painting and Patching	LS	1		
3	00305	Exterior Column painting	LS	1		
4	00320	SE Nook sealing	LS	1		
5	00330	Tounge and groove above entrance	LS	1		
6	00350	Structural steel above entrance	LS	1		
7	00445	Exterior Joint sealing	LF	1		

Total Base Quote:

ADDITIVE BID ALTERNATES

Item No.	Spec No.	Description	Unit	Quantity	Unit Price	Total
22	01095	Maintenance Shed - Exterior Primer & Painting	LS	1		
23	01095	Maintenance Shed - Interior Gypsum Board	LS	1		
24	01095	Maintenance Shed - Wall & Ceiling Insulation	LS	1		
25	01095	Maintenance Shed - Substitute Roofing Materials to be Standing Seam Metal Roofing	LS	1		

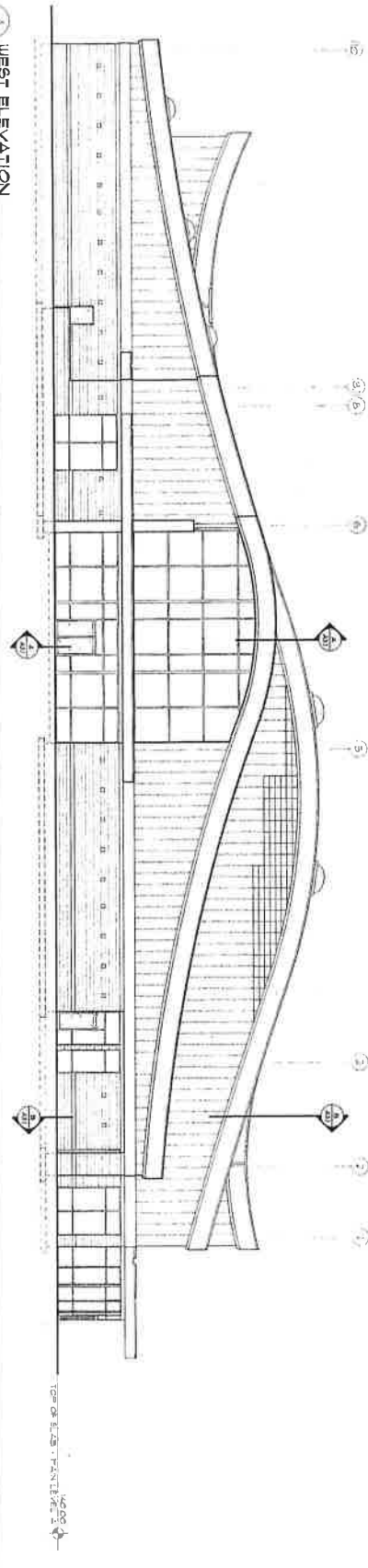
Total Alternates:

Grand Total (Base + Alternates):

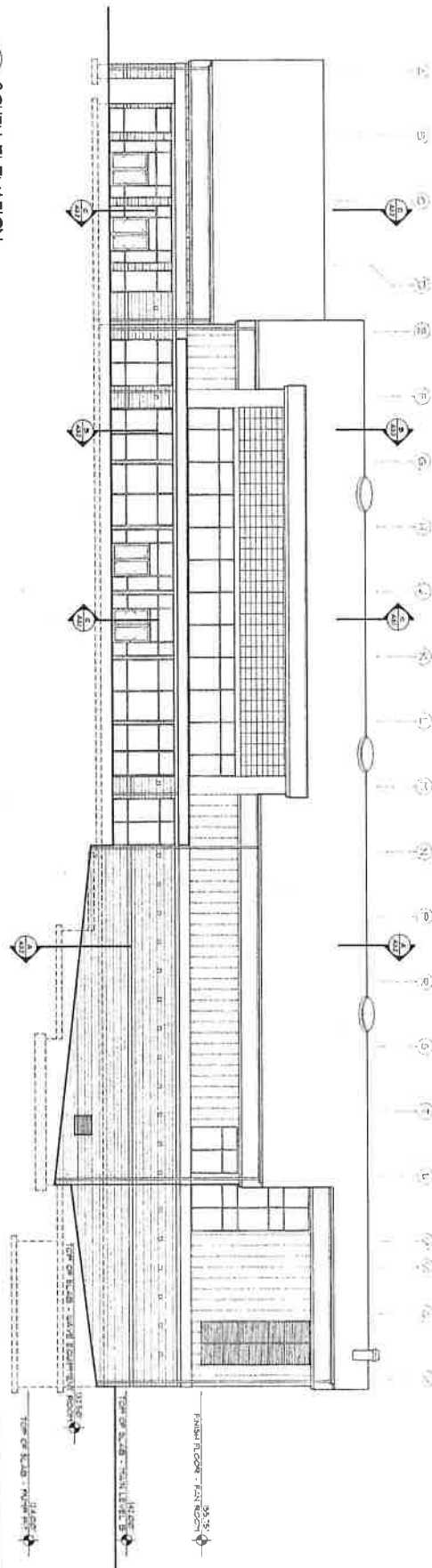
Company Name: _____

Company Representative: _____

A WEST ELEVATION
1/8" = 1'-0"



B SOUTH ELEVATION
1/8" = 1'-0"



DRAWN	ROBERTSON
CHECKED	
DATE	10-1-93
PROJECT	INDOOR

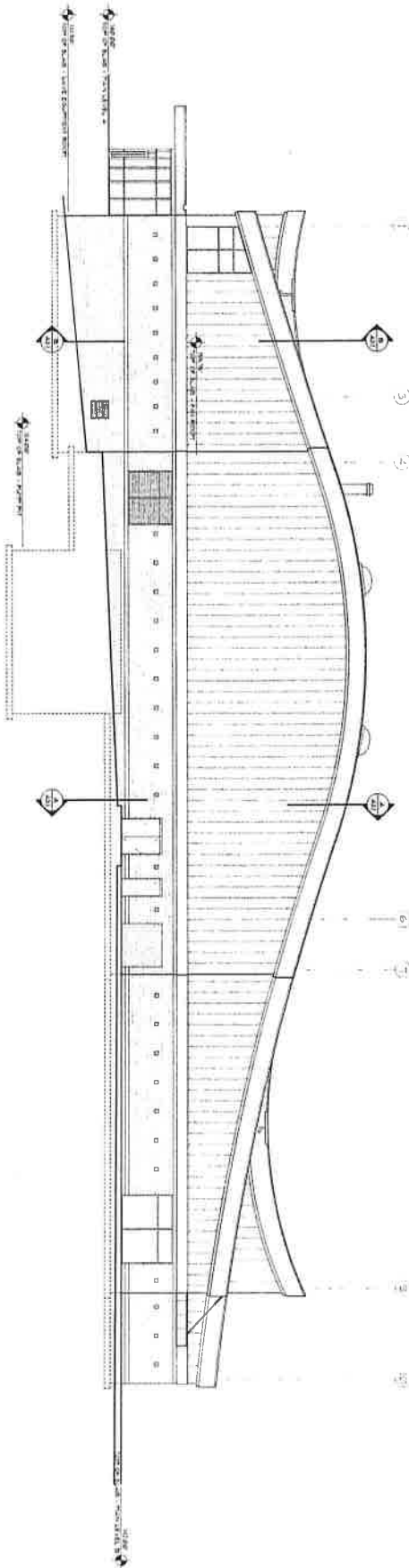
BUILDING SECTIONS

Robertson / Sherwood / Architects PC

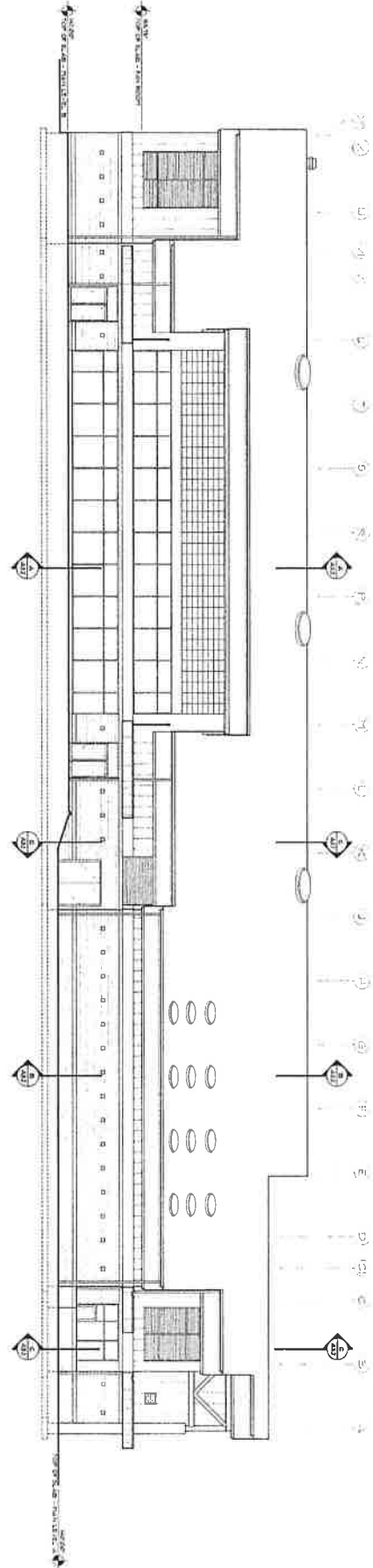
122 EAST BROADWAY - SUITE 542 - EUGENE, OREGON 97401 - (503) 342-8077 FAX (503) 342-4302

INDOOR AQUATICS CENTER
NORTH CLACKAMAS PARKS AND RECREATION DISTRICT

A EAST ELEVATION
 1/8" = 1'-0"



A NORTH ELEVATION
 1/8" = 1'-0"



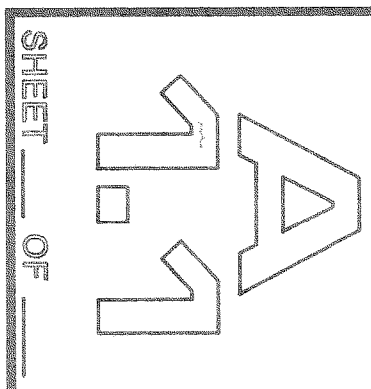
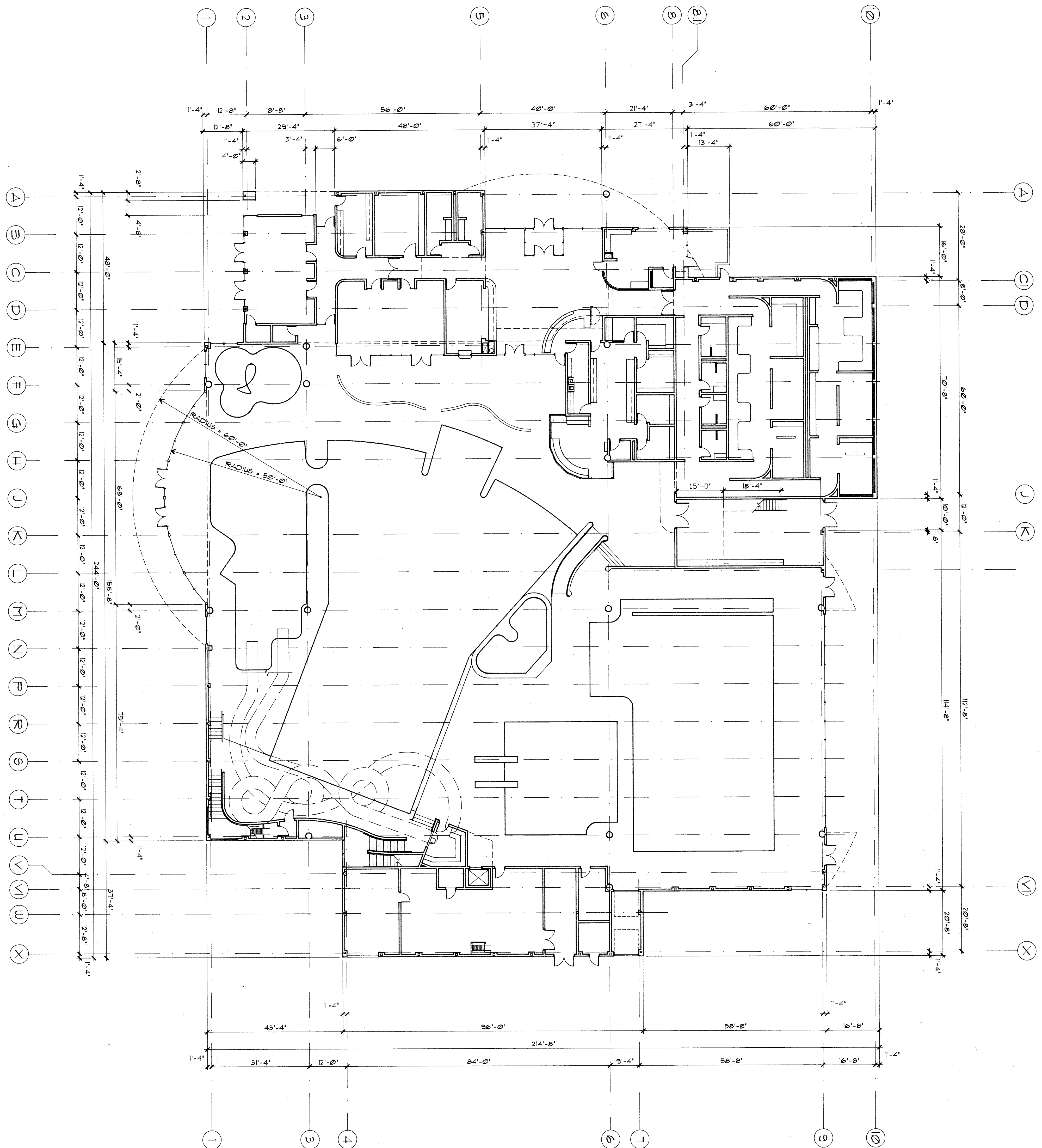
Robertson / Sherwood / Architects
 132 EAST BROADWAY - SUITE 240 - SEASIDE, OREGON 97138 - (503) 342-8077 - FAX (503) 342-4300

EXTERIOR ELEVATIONS

Robertson / Sherwood / Architects **pc**

INDOOR AQUATICS CENTER
 NORTH CLATSOP COUNTY PARKS AND RECREATION DISTRICT

A OVERALL DIMENSIONS PLAN
1/16" = 1'-0"



DRAWN BDH
CHECKED
DATE 10-01-92
PROJECT 9120

OVERALL DIMENSIONS PLAN
SYMBOLS, ABBREVIATIONS
GENERAL NOTES

Robertson / Sherwood / Architects pc
132 EAST BROADWAY - SUITE 540 • EUGENE, OREGON 97401 • (503) 342-8077 FAX (503) 345-4302

INDOOR AQUATICS CENTER
NORTH CLACKAMAS PARKS AND RECREATION DISTRICT



SCHEDULE

Exterior Finishes

Efis Pathces

Primer: A24W08300 - Loxon® Concrete & Masonry Primer, Interior/Exterior Latex White

Textured Sealant: WL700GLTB - Masonry Patch And Seal Brush-Grade, Textured

Finish: A78W00051 - SPR EXT LL EXTRA

Exterior Eifs and Columns

Finish: A78W00051 - SPR EXT LL EXTRA

Exterior Paint

SE Nook that had not been sealed on previous paint job

Coat 1: A24W01451 - Loxon XP Waterproofing Masonry Coating Extra White

Coat 2: A78W00051 - SPR EXT LL EXTRA

Tung and Grove Above Entrance

Cleaner: 640359931 - DeckScapes® Revive Cleaner

Finish: SD4Y00001 - SPRDK OIL ST CED

Oil Based Wood Stain

Structual Steel Above Entrance

Finish: B66W00351 - Sher-Cryl HPA High Performance Acrylic Semi-Gloss Coating Extra White

Joints

Sealant: SU51H0010 - SU 1H WHITE 10.1 OZ

Loxon Oil Based Water Clean-Up Sealant/Caulking

END OF SECTION

Data Pages


**SHERWIN
WILLIAMS.**
LOXON®

Concrete & Masonry Primer/Sealer Interior/Exterior Latex A24W8300

As of 12/22/2014, complies with:			
OTC	Yes	LEED® 09 CI	Yes
SCAQMD	Yes	LEED® 09 NC	Yes
CARB	Yes	LEED® 09 CS	Yes
CARB SCM2007	Yes	LEED® H	Yes
MPI	Yes	NGBS	Yes

DESCRIPTION

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.

- 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 alkalies in the substrate

For use on these surfaces:

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

PHYSICAL PROPERTIES

Flexibility Passes
ASTM D522 - Method B, 180° bend,
1/8" mandrel

Alkali Resistance Passes
Based on ASTM D1308

Mildew Resistance Passes
ASTM D3273/D3274

CHARACTERISTICS

Color: White
Coverage: 200-300 sq ft/gal
5.3 - 8.0 mils wet
2.1 - 3.2 mils dry

Coverage on porous & rough stucco 80 square feet per gallon

Drying Time, @ 77°F, 50% RH:

Touch: 4 hours
Recoat: 24 hours

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

Finish: 0-10 units @ 85°

Flash Point: N/A

Vehicle Type: Acrylic

A24W08300

VOC (less exempt solvents):

<50 g/L; 0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 41 ± 2%

Weight Solids: 55 ± 2%

Weight per Gallon: 10.92 lb

WVP Perms (US) 22.3

grains/(hr ft² in Hg)

Tinting - 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.

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.

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.

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.

**LOXON[®]**

Concrete & Masonry Primer/Sealer Interior/Exterior Latex A24W8300

<u>SURFACE PREPARATION</u>	<u>APPLICATION</u>	<u>CAUTIONS</u>
<p>Mildew Remove 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.</p> <p>Caulking Fill gaps between windows, doors, trim, and other through-wall openings with the appropriate caulk after priming the surface.</p>	<p>Apply at temperatures above 50°F. No reduction necessary.</p> <p>Do not paint in direct sun or on a hot surface. May be applied to damp but not to wet surfaces.</p> <p>Brush Use a nylon/polyester brush</p> <p>Roller Use a 1/2" to 1-1/2" nap synthetic cover</p> <p>Airless Spray Pressure..... 2000-2700 psi Tip019"</p> <p>Spray and backroll on porous & rough stucco to achieve required film build and a pin-hole free surface.</p> <p><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools 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.</p>	<p>Protect from freezing. Non-photochemically reactive.</p> <p>LABEL CAUTIONS CAUTION contains CRYSTALLINE SILICA and 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.</p> <p>HOTW 12/22/2014 A24W08300 33 44</p> <p>KOR, SP, FR, Viet</p> <p>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 to obtain the most current version of the PDS and/or an MSDS.</p>

112.74

CONCRETE & MASONRY SMOOTH AND TEXTURED ELASTOMERIC PATCHES



PRODUCT DESCRIPTION

Concrete & Masonry Patches & Sealants bridge and seal cracks, joints and other openings in masonry substrates. Use to prevent further moisture penetration and damage. Products provide a repaired, paintable surface where cracks will not reappear.

PRODUCT ADVANTAGES

- Outstanding long-term protection
- Easy workability, application and clean-up
- Flexes with substrate movement
- Works with acrylic or elastomeric topcoats
- Seals cracks measuring 1/16" to 3/8"

FOR USE ON A WIDE VARIETY OF NON-STRUCTURAL MASONRY SUBSTRATES:

- Stucco
- EIFS
- Concrete block
- Brick
- Precast concrete
- Tilt-up concrete
- Commercial/Residential
- Interiors/Exteriors

PRODUCT AVAILABILITY:

Gun-Grade Textured

WL70010GT 6501-87388

10.1 oz Cartridge

Gun-Grade Smooth

WL70010GS 6501-87370

10.1 oz Cartridge

Brush-Grade, Smooth

WL700GLSB 6501-71788

Gallon Plastic Tub

Brush-Grade, Textured

WL700GLTB 6501-86117

Gallon Plastic Tub

Knife-Grade, Smooth

WL700GLSK 6501-87347

Gallon Plastic Tub

Knife-Grade, Textured

WL700GLTK 6501-87362

Gallon Plastic Tub

Color:

Off White

Coverage:

varies with surface

Drying Time, @ 77°F, 50% RH:

temperature and humidity dependent

Touch:

4 hours

Recoat with Concrete & Masonry Products:

24 hours

Topcoat with paint or primer:

12 hours

Flash Point:

N/A

Vehicle Type:

Acrylic

VOC (less exempt solvents):

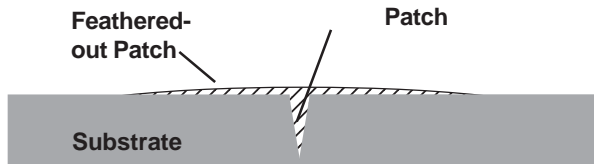
Product	Number	g/L	lb/gal
Gun-Grade Textured	WL70010GT	25	0.20
Gun-Grade Smooth	WL70010GS	25	0.20
Brush-Grade, Smooth	WL700GLSB	21	0.18
Brush-Grade, Textured	WL700GLTB	21	0.17
Knife-Grade, Smooth	WL700GLSK	25	0.20
Knife-Grade, Textured	WL700GLTK	24	0.20

CONCRETE & MASONRY SMOOTH AND TEXTURED ELASTOMERIC PATCHES

INSTALLATION: JOINT DESIGN

Small openings and cracks - up to 1/16" wide

Bridge over voids and small cracks up to 1/16" wide using Concrete & Masonry Patch. To ensure that the repaired area blends into the surrounding surface, provide sufficient crest over the opening to allow for shrinkage. The Patch must be feathered to zero at the edges using a brush, knife, or trowel, to prevent the repaired opening from telegraphing through the subsequent finishes. When tooling the Patch, use dry tools, or if needed, clean water can be used with the tool. Concrete & Masonry Patch sets up quickly, tool as soon as possible to provide the smoothest appearance. Do not apply more than 1/4" in depth in one application.



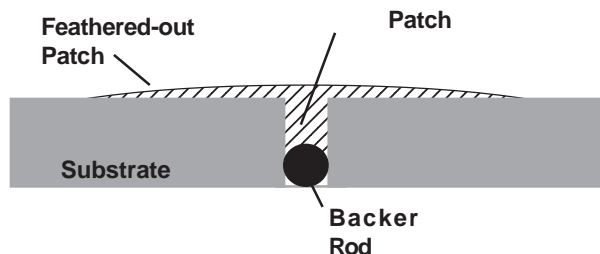
Large Openings and Cracks - from 1/16" to 3/8" wide

Cracks and voids between 1/16" and 3/8" wide should be opened to a sound surface. Flush out the opening to remove all dust. If dust is still evident, seal the surface with Loxon® Conditioner to bind the dust to the surface.

Fill the opening with Concrete & Masonry Patch. To ensure that the repaired area blends into the surrounding surface, provide sufficient crest over the opening to allow for shrinkage. The Patch must be feathered to zero at the edges using a brush, knife, or trowel, to prevent the repaired opening from telegraphing through the subsequent finishes. When tooling the Patch, use dry tools, or if needed, clean water can be used with the tool. Concrete & Masonry Patch sets up quickly, tool as soon as possible to provide the smoothest appearance. Allow this to cure 24 hours. Do not apply more than 1/4" in depth in one application.

The depth of the opening should be 1/2 the width of the opening, with a maximum depth of 1/2". In deep openings, the depth of the Patch should be controlled with a closed cell, "non-gassing" type backer rod. The backer rod should be about 1/8" wider than the opening. Do not apply more than 1/4" in depth in one application.

If the opening is 1/4" or greater, for maximum performance, prevent 3 point adhesion with backer rods or bond breaker tape. Three point adhesion problems occur in cracks when the Patch adheres to the walls and the bottom of a crack, and a significant amount of flexibility is lost. Two point adhesion - wall to wall in a crack - using backer rods or bond breaker tape offers the maximum flexibility and performance.



CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water.

CAUTIONS

Apply at temperatures above 50°F and humidity less than 90%

Do not apply to wet, frozen or frost covered surfaces.

Protect from freezing.

Do not use below grade or underwater.

Not for use as a structural repair.

Do not use soapy water for tooling.

Avoid over-tooling which may change the final appearance.

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 Sheet.



SUPERPAINT[®]

Exterior Latex Low Lustre A78 Series

As of 05/3/2016, Complies with:			
OTC	Yes	LEED [®] 09 NC CI	N/A
SCAQMD	Yes	LEED [®] 09 CS	N/A
CARB	Yes	LEED [®] 09 H	N/A
CARB SCM 2007	Yes	LEED [®] v4 Emissions	N/A
MPI		LEED [®] v4	Yes

CHARACTERISTICS

SuperPaint Exterior Latex Low Lustre provides enhanced resistance to early dirt pick up and offers outstanding performance on properly prepared aluminum and vinyl siding, wood, hardboard, masonry, cement, brick, block, stucco, and metal down to a surface and air temperature of 35°F.

VinylSafe[™] Color Technology allows the use of many darker colors on vinyl siding that cannot be made in most other coatings.

Color: Most colors
To optimize hide and color development, always use the recommended P-Shadow primer

Coverage: 350 - 400 sq ft/gal
@ 4 mils wet; 1.4 mils dry

Drying Time, @ 50% RH:
@ 35-45°F @ 45°F +

Touch: 2 hour 2 hours
Recoat: 24-48 hours 4 hours

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

Flash Point: N/A

Finish: 10 units @ 60°

Tinting with CCE:

Base	oz/gal	Strength
Extra White	0-6	100%
Deep Base	4-12	100%
Ultradeep Base	10-12	100%

Vehicle Type: Acrylic

Extra White A78W00051

VOC (less exempt solvents):
<50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 38 ± 2%

Weight Solids: 51 ± 2%

Weight per Gallon: 10.58 lb

Mildew Resistant

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

SPECIFICATIONS

SuperPaint Exterior Latex Low Lustre can be self-priming when used directly over existing coatings, or bare drywall, plaster and masonry (with a cured pH of less than 8). The first coat acts like a coat of primer and the second coat provides the final appearance and performance. Please note that some specific surfaces require specialized treatment.

Aluminum & Aluminum Siding¹, Galvanized Steel¹, Vinyl Siding

2 cts. SuperPaint Exterior Latex

Concrete Block, CMU, Split face Block

1 ct. Loxon Block Surfer

2 cts. SuperPaint Exterior Latex

Brick

1 ct. Loxon Conditioner²

2 cts. SuperPaint Exterior Latex

Cement Composition Siding/Panels

1 ct. Loxon Concrete & Masonry Primer²

or Loxon Conditioner²

2 cts. SuperPaint Exterior Latex

Stucco, Cement, Concrete

1 ct. Loxon Concrete & Masonry Primer²

2 cts. SuperPaint Exterior Latex

Plywood

1 ct. Exterior Latex Wood Primer

2 cts. SuperPaint Exterior Latex

Wood (Cedar, Redwood)³

1 ct. Exterior Oil-Based Wood Primer²

2 cts. SuperPaint Exterior Latex

¹ On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.

² Not for use at temperatures under 50°F. See specific primer label for that product's application conditions.

³ Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. For best results on these woods, use a coat of Exterior Oil-Based Wood Primer.

Other primers may be appropriate. Standard latex primers cannot be used below 50°F. See specific primer label for that product's application conditions.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

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.

Aluminum and Galvanized Steel

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

Steel

Rust and mill scale must be removed using sandpaper, wire brush, or other abrading method. Bare steel must be primed the same day as cleaned. Prime with All Surface Enamel Primer.

Cement Composition Siding/Panels

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 8, prime with Loxon Concrete & Masonry Primer.



102.25

SUPERPAINT[®]

Exterior Latex Low Lustre A78 Series

SURFACE PREPARATION	SURFACE PREPARATION	CAUTIONS
<p>Masonry, Concrete, Cement, Block All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.</p> <p>Stucco Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p> <p>Vinyl Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, prime with appropriate primer. Do not paint vinyl with any color darker than the original color unless the paint system features VinylSafe™ Color Technology. Painting with darker colors that are not VinylSafe™ may cause vinyl to warp. Follow all painting guidelines of the vinyl manufacturer when painting. Deviating from the manufacturer's painting guidelines may cause the warranty to be voided.</p> <p>Wood, Plywood, Composition Board Clean the surface thoroughly then sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed. Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, it may show some staining. If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer prior to using.</p> <p>Caulking Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.</p>	<p>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.</p> <p>APPLICATION When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours. No reduction necessary.</p> <p>Brush Use a nylon/polyester brush.</p> <p>Roller Use a 3/8" - 3/4" nap synthetic cover.</p> <p>Spray—Airless Pressure..... 2000 psi Tip015"-.019"</p> <p>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.</p>	<p>For exterior use only. Protect from freezing. Non-photochemically reactive. Not for use on floors.</p> <p>Before using, carefully read CAUTIONS on label.</p> <p>HOTW 05/3/2016 A78W00051 06 39 KOR, FRC</p> <p>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 to obtain the most current version of the PDS and/or an SDS.</p>



**SHERWIN
WILLIAMS®**

LOXON® XP

Waterproofing System

A24-1400 Series

As of 11/21/2016, Complies with:			
OTC	Yes	LEED® 09 NC CI	N/A
OTC Phase II	Yes	LEED® 09 CS	N/A
SCAQMD	Yes	LEED® 09 H	N/A
CARB	Yes	LEED® v4 Emissions	N/A
CARB SCM 2007	Yes	LEED® v4 VOC	Yes
MPI	Yes		

CHARACTERISTICS

Loxon XP is an exterior, high build coating that provides excellent flexibility, durability and weather resistance. This product will protect against wind-driven rain when used on concrete, CMU, stucco and shotcrete/gunite. It is highly alkali and efflorescence resistant. This may be applied to a surface with a pH of 6 to 13.

- Apply directly to fresh concrete (at least 7 days old)
- Shotcrete/gunite surfaces may be painted after 3 days
- Can be applied over high pH (up to 13) substrates
- No primer required
- Improved roller appearance
- Can be applied down to 35°F

PHYSICAL PROPERTIES

Wind-Driven Rain TestPasses
ASTM D6904-03

2 cts Loxon XP @ 6.4-8.3 mils dft/ct

Water Vapor Permeance ... 17.96 perms
Based on ASTM D1653

2 cts Loxon XP at 6.5 mils dft/ct

14 day cure @ 77°F & 50% RH

Elongation275%
ASTM D2370

1 ct Loxon XP at 9.4 mils dft

14 day cure @ 77°F & 50% RH

Tensile Strength285 psi
ASTM D2370

1 ct Loxon XP at 9.4 mils dft

14 day cure @ 77°F & 50% RH

FlexibilityPasses
ASTM D522

Alkali ResistancePasses
Based on ASTM D1308

Mildew Resistance Passes
ASTM D3273/D3274

CO₂ Diffusion (anti-carbonation)
ASTM F2476..... 344 meters

Equivalent Air Thickness >50 meters to pass

..... 8.0 g/m²/24 hrs

Chloride Ion Permeability243 coulombs
"Very Low" Permeability Class

Crack Bridging..... Class A5
EN 1062-7 Method A..... up to 2.5 mm @ -10°C

SPECIFICATIONS

Color: Most colors
1 coat system, brush, roller, or spray applied, coverage per coat:

14-18 mils wet 6.5- 8.4 mils dry

90 - 115 sq ft/gal

Can be applied up to 40 mils wet.

Coverage will vary with the substrate and the texture.

Coverage on porous & rough stucco 80 square feet per gallon.

Drying Time, @ 50% RH:

temperature and humidity dependent

@ 35-45°F @ 45°F+

Touch: 6 hour 4 hours

Recoat: 24-48 hours 24 hours

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

Flash Point: N/A

Finish: 0-10 units @ 85°

Tinting with CCE only:

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%
Ultradeep	4-12	100%
Light Yellow	4-12	100%

Vehicle Type: Styrene Acrylic

A24W01451

VOC (less exempt solvents):

<50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 47 ± 2%

Weight Solids: 61 ± 2%

Weight per Gallon: 11.47 lb

Mildew Resistant

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

SPECIFICATIONS

For proper waterproofing performance and to resist alkalies, 2 coats of the coating **MUST** be applied between 14.0 - 18.0 mils wet per coat.

A total dry film thickness of 13 - 16.8 mils of topcoat and a surface with 10 or less pinholes per square foot is required for a waterproofing system.

For extremely porous block a coat of Loxon Block Surfacers may be required to achieve a pinhole free surface.

For rehabilitating existing concrete water tanks, additional products may be used.

Concrete, Stucco, Concrete Block, CMU, Split-face Block, and other Cementitious surfaces

1 ct. Loxon Block Surfacers (if needed)

or

1 ct Loxon Conditioner (if needed)

1-2 cts Loxon XP

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

Previously Coated in good condition

After power washing, apply 1 coat of Loxon XP over the surface.

Waterproofing System

- Two coats of topcoat
- 6.5 to 8.4 mils dft per coat
- 13 to 16.8 mils total dry film thickness
- 10 or less pinholes per square foot

Incidental Wood:

1 ct. Exterior Latex Wood Primer

1-2 cts Loxon XP

Incidental Metal:

(steel, galvanized, or aluminum):

1 ct. Pro Industrial Pro-Cryl Primer

1-2 cts Loxon XP



LOXON[®] XP

Waterproofing System

A24-1400 Series

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.

Concrete, CMU, Stucco

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. Concrete and mortar must be cured at least 7 days at 75°F. Fill bugholes, air pockets, cracks, and other voids with an elastomeric patch or sealant. Rough surfaces can be filled to provide a smooth surface.

Incidental Metal

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method.

Incidental Wood

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.

SURFACE PREPARATION

Sealing and Patching—After cleaning the surface thoroughly, prime any bare surface with Loxon XP, apply an elastomeric patch or sealant if needed, allow to dry, then topcoat.

To improve the performance consider:

- Use caution when preparing the substrate to create a uniform surface.
- Cracks, crevices, and through-wall openings must be patched with an elastomeric patch or sealant.
- Fill voids and openings around window and doors with an elastomeric patch or sealant.
- Stripe coat all inside and outside corners and edges with 1 coat of Loxon XP coating.

APPLICATION

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours. Do not reduce.

Brush - Use a nylon/polyester brush.

Roller - Use a ½" to 1½" nap synthetic roller cover.

Airless Spray

Pressure, minimum 2300 psi
Tip, minimum021"

The substrate and its condition will determine the application procedure.

Considerations to minimize pinholes:

- 2 coat application with overnight drying between coats
- Spray application with backrolling
- Power rolling

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

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.

CAUTIONS

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces (floors, roofs, decks, etc.) where water will collect.

Not for use below grade. Will not withstand hydrostatic pressure.

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

HOTW 11/21/2016 A24W01451 19 00

FRC, SP

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114.02

SUPERDECK® REVIVE™

Deck & Siding Brightener

DESCRIPTION

SuperDeck® Revive™ Deck & Siding Brightener is a fast-acting, ready-to-use cleaner specially formulated for cedar, redwood and other highly resinous exterior woods as well as dense woods such as mahogany. Due to the chemical characteristics of these types of woods, traditional cleaners can leave the surface with an unnatural, darkened appearance. **SuperDeck Revive** will help remove unsightly stains caused by mildew and algae, dirt, gray and weathered wood, tannin bleed and nail bleed as well as stubborn mill glaze (a surface barrier to wood coatings found on most newly installed cedar and redwood) and restore the surface to its bright, clean natural look.

Where to use:

SuperDeck Revive can be used on any new or existing exterior structure including wood decks, fences, siding, shakes, shingles, boat docks, boardwalks, outdoor furniture, picnic tables, hot tubs, planters, benches, trellises and gazebos.

CHARACTERISTICS

Coverage: Approximately 150-250 sq ft/gal
Depending upon the condition and porosity of the wood
Appearance: Water white, turbid
pH: 1
Solvent: Water
Weight per Gallon: 8.50 lb

SURFACE PREPARATION

WARNING! Removal of old coatings 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.

SURFACE PREPARATION

Be sure the surface is free of any loose dirt and debris. **Thoroughly wet plants and shrubs and cover to protect them for overspray.** Uncover promptly after cleaning. Remove all deck furniture and decorative items. Do not allow **SuperDeck Revive** to come into contact with finished or aluminum surfaces. Rinse immediately after use on metal to avoid pitting or discoloration. If surface is extremely dry or in direct, hot sunlight, dampen with water. Wear rubber gloves and eye protection. Do not allow **SuperDeck Revive** to come into prolonged contact with clothing, carpet, or fabric, as damage may occur. Plan the application: for vertical surfaces, work from the bottom to the top. For horizontal surfaces, work backwards so that you do not walk on the surface being treated. Treat small areas one at a time. Exercise caution when working on wet surfaces as they may be slippery. Avoid spraying on windy days.

APPLICATION

Use in a well ventilated area and only as directed. On a horizontal surface, apply the mixture with a pump sprayer, brush or mop; on a vertical surface (siding or fencing) apply with a pump-up sprayer or deep nap roller working from the bottom to the top of the structure. Coat only 5-10 boards (20 sq. ft.) at a time to maintain adequate surface wetness and allow concentration of cleaning efforts to an area. Immediately and thoroughly rinse any overspray or accidental spills with water. Allow **SuperDeck Revive** to set on the surface for 10-15 minutes. For best results, lightly scrub surface with a stiff, synthetic bristle brush. Do not allow **SuperDeck Revive** to completely dry during application.

Thoroughly rinse the surface with fresh water from a hose, removing all residue. SuperDeck® Deck Wash must be used after SuperDeck® Revive™ to neutralize the surface. Any residue left on the surface may interfere with the drying or adhesion of topcoats.

When SuperDeck® Revive is used to neutralize SuperDeck Stain & Sealer Remover, the SuperDeck® Deck Wash step is not required.

Rinse surrounding area and vegetation with water. Stubborn stains or missed areas may need to be scrubbed with additional solution and rinse again. Allow approximately 2 days, depending on weather conditions, to allow the wood to thoroughly dry before applying a protective finish.



114.02

SUPERDECK® REVIVE™

Deck & Siding Brightener

CLEAN UP INFORMATION

Rinse equipment and brushes with soap and water immediately after use.

SURFACE PREPARATION

Using the right cleaner often makes the cleaning easier. Prior to using **SuperDeck Revive**, some general cleaning may be needed. Clean all surfaces completely with the appropriate cleaner based on the conditions. Rinse the surface completely and allow the surface to dry thoroughly.

SuperDeck Deck Wash

- Mildew stain
- Algae stain
- Weathered wood (bleaches wood)
- Gray wood (bleaches wood)

SuperDeck Stain & Sealer Remover

- Weathered, gray wood
- Old Paint & Stain

Sales No.

US 640359931

Canada 100266402

Size

1 gal.

1 gal.

DANGER! CAUSES EYE, SKIN AND RESPIRATORY TRACT BURNS. Before using, carefully read CAUTIONS

CAUTION

CONTAINS Oxalic Acid. Avoid contact with eyes and skin. Causes severe burns to eyes and mucous membranes on contact. Wear protective gloves. Wear eye protection. Wash hands immediately after use. 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. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, immediately flush eyes with water for 15 minutes. Get immediate medical attention! For skin contact, wash thoroughly with soap and water. If irritation persists, get medical attention. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, do NOT induce vomiting. Call Poison Control Center, hospital emergency room or physician immediately. **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
FRC, SP

01/27/2017

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114.42

SUPERDECK®

Exterior Oil-Based Semi-Transparent Stain

Redwood SD4R00003
Cedar SD4Y00001
Weathered Grey SD4A00008

As of 2/2/2015, Complies with:			
OTC	Yes	LEED® 09 CI	N/A
SCAQMD	No	LEED® 09 NC	N/A
CARB	Yes	LEED® 09 CS	N/A
CARB SCM 2007	Yes	LEED® H	N/A
MPI		NGBS	N/A

DESCRIPTION

- A high solids, penetrating alkyd/oil-based formula that protects the beauty of wood with a rich semi-transparent stain
- One coat coverage on most woods
- Scuff-resistant formula with UV protection using quality iron oxide pigments that inhibits damage caused by the sun
- Repels water to prevent moisture damage
- This coating is formulated to resist growth of mildew and algae on the coating's surface.

Use on wood:	Use on:
<ul style="list-style-type: none">DecksDoorsSidingFencesShuttersShakesOutdoor Furniture	<ul style="list-style-type: none">Pressure treated woodCedarRedwoodPineOakPlywood

Tips: Stains tend to lap (dark lines where two freshly coated areas overlap). These tips will help avoid lap marks and keep the appearance uniform:

- Do not stain in direct sun or on a hot surface
- Stain from a dry area into the adjoining wet stain area.
- Keep the leading edge wet and distribute the finish evenly
- Quickly remove puddles and excess material by redistributing to dry areas or wiping up. Excess product allowed to sit on surface will result in a tacky finish. Stain a board from end to end
- Use natural breaks as boundaries to divide large areas into smaller, more manageable ones
- Different wood species, textures and natural color will affect finished shade. Always test a small area first for color satisfaction before coating the entire project

CHARACTERISTICS

Color: Semi-Transparent Stain colors
A sample brushout is recommended to ensure color satisfaction.

Redwood	SD4R00003
Cedar	SD4Y00001
Weathered Grey	SD4A00008

Coverage:

Smooth Wood	250-350 sq ft/gal
Rough Sawn Lumber	150-250 sq ft/gal

Depending on porosity and texture
Note: New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood.

Drying Time, @ 77°F, 50% RH

To touch:	8 hours
To use:	24 hours

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

Due to the composition of **SuperDeck Oil-Based Semi-Transparent**, only one coat is necessary. On extremely porous wood, a second coat may be desired to uniform the finish. Excessive film build may create a glossy/tacky finish.

Flash Point:	111°F, PMCC
Finish:	slight sheen

Tinting with Blend-A-Color:

Base	oz/gal	Strength
Redwood	0 - 4	Sher-Color
Cedar	0 - 4	Sher-Color
Weathered Grey	0 - 4	Sher-Color

Can be used as is or can be tinted. Do not exceed 4 oz/gal of tinting color.

Vehicle Type:	alkyd
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Cedar SD4Y00001
(may vary by color)

VOC (less exempt solvents):

248 g/L; 2.07 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids:	65 ± 2%
Weight Solids:	67 ± 2%
Weight per Gallon:	7.89 lb

SURFACE PREPARATION

WARNING! Removal of old coatings 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.

Clean all surfaces completely with the appropriate cleaner based on the conditions.

SuperDeck Deck Wash

Mildew stain
Algae stain
Weathered wood (bleaches wood)
Gray wood (bleaches wood)

SuperDeck Revive™

Tannin Bleed
Nail stain
Weathered wood (restores color)
Gray wood (restores color)
Mill Glaze

SuperDeck Stain & Sealer Remover

Weathered, gray wood
Old Paint & Stain

Carefully follow all label instructions. Thoroughly rinse the surface to remove all residue and allow to thoroughly dry before coating.

Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, allow the wood to weather 1 to 2 weeks and test for absorbency again.



114.42

SUPERDECK®

Exterior Oil-Based Semi-Transparent Stain

Redwood SD4R00003
Cedar SD4Y00001
Weathered Grey SD4A00008

SURFACE PREPARATION

All surfaces must be clean, dry, and free from dirt, mildew stains, dust and other foreign matter. Do not apply over sealed surfaces. Remove surface stains, dirt and failed oxidized stains with Superdeck® Deck Wash. Remove solid stains or paints with Superdeck® Stain & Sealer Remover. For redwood and cedar, follow cleaning or stripping with Superdeck® Revive® to remove tannin stains and brighten wood to its original color. For new wood remove mill glaze with Superdeck® Revive®

APPLICATION

Thoroughly stir contents before and occasionally during use. For uniformity, mix all cans together before use. Do not thin or mix with any other stains or coatings. Do not apply over sealed surfaces.

Apply without thinning by brush, roller, or spray. If sprayed, use the lowest possible pressure needed for a reasonable spray pattern. Also, when spraying be sure to "back brush/roll". Back brushing/rolling is suggested when spraying, working the product smoothly and evenly into the wood. This will decrease the possibility of pools or puddles on the surface and ensure a properly penetrated finish. Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints.

For best results apply in shade with surface temperatures between 40°F and 95°F. Do not apply if temperatures will fall below 40°F or if rain is expected within 24 hours after application. Cooler temperatures require longer drying times.

CLEAN UP INFORMATION

Clean spills, splatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.

DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.

COATING SOLUTION

Which product is the best for my project:

SuperDeck Exterior Waterborne Clear Sealer

- Protects wood from sun while allowing the wood to gray naturally
- Water repellents make water bead up, protecting against cracking, splitting, and warping of wood.
- Leaves a protective coating that resists discoloration caused by mildew.

SuperDeck Exterior Oil Based Transparent

- Lasting, penetrating, oil-based formula
- Enriches wood appearance with a light tone
- UV protection resists graying
- Repels water to prevent moisture damage

SuperDeck Exterior Waterborne Semi-Transparent Deck Stain

- Provides a lasting, mildew-resistant film
- Excellent penetration for protecting horizontal exterior wood surfaces.
- Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day.

SuperDeck Exterior Oil-Based Semi-Transparent Stain

- A lasting penetrating formula that protects the wood with a rich semi-transparent stain.
- One coat coverage on most woods
- Scuff-resistant formula with UV protection that resists fading.
- Repels water to prevent moisture damage

SuperDeck Waterborne Solid Color Deck Stain

- Waterborne, 100% acrylic resin
- Provides mildew resistant coating
- Use over existing paint or stain
- Can be applied to damp surfaces, allowing surfaces to be prepped and stained in one day.

For more stain information and choices visit www.sherwin-williams.com.

For Vertical surfaces - walls, siding, etc, use WoodScapes® Exterior Acrylic Solid Color Stain or WoodScapes® Exterior Polyurethane Semi-Transparent Stain.

CAUTIONS

This product must be applied outdoors to wood intended for exterior use only.

Not for interior use.

Do not use on roofs.

Do not varnish or use a clear overcoat.

Not for use on garage floors, driveways, or automobile traffic areas.

LABEL CAUTIONS

CAUTION contains **AROMATIC HYDROCARBONS, BUTOXYPROPANOL**. Contents are **COMBUSTIBLE**. Keep away from heat and open flame. **VAPOR HARMFUL**. 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. 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 for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. **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 2/2/2015 SD4Y00001 02 248
FRC, SP

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Protective & Marine Coatings

SHER-CRYL™ HPA HIGH PERFORMANCE ACRYLIC

B66-300 SERIES
B66-350 SERIES

GLOSS
SEMI-GLOSS

Revised: Oct 28, 2015

PRODUCT INFORMATION

1.26

PRODUCT DESCRIPTION

SHER-CRYL HPA is a new technology, ambient cured, one component acrylic coating with superior exterior performance properties. Provides performance comparable to high performance solvent based coatings such as urethanes and epoxies.

- Chemical resistant
- Superior color and gloss retention
- Outstanding early moisture resistance
- Flash rust/early rust resistant
- Low odor, low VOC
- Corrosion resistant
- Fast dry
- Outstanding application characteristics

PRODUCT CHARACTERISTICS

Finish:	High Gloss or Semi-Gloss
Color:	Wide range of colors available
Volume Solids:	38.5% ± 2%, Ultra White
Weight Solids:	51% ± 2%, Ultra White
VOC (EPA Method 24):	<200 g/L; 1.66 lb/gal

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	6.0 (150)	10.0 (250)
Dry mils (microns)	2.5 (63)	4.0 (100)
~Coverage sq ft/gal (m²/L)	154 (3.8)	247 (6.0)
Theoretical coverage sq ft/gal (m²/L) @ 1 mil / 25 microns dft	616 (15.1)	

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

Drying Schedule @ 7.0 mils wet (175 microns):

	@ 50°F/10°C	@ 77°F/25°C 50% RH	@ 120°F/49°C
To touch:	1 hour	30 minutes	5 minutes
To handle:	8 hours	5 hours	15 minutes
To recoat:	8 hours	5 hours	15 minutes
To cure:	30 days	30 days	30 days

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

Shelf Life:	36 months, unopened Store indoors at 50°F (10°C) to 100°F (38°C)
Flash Point:	>230°F (110°C) PMCC, mixed
Reducer:	Water R8K10 - WB Hot Weather Reducer up to 10%
Clean Up:	Water

RECOMMENDED USES

For use over prepared:

- Steel
- Aluminum
- Zinc rich primers
- Galvanizing
- Concrete
- Wood
- Masonry

Examples:

- Buildings
- Machinery
- Power plants
- Select Marine Structures
- Storage Tanks
- Equipment
- Piping
- Water treatment plants
- New Construction
- Structural Steel

- Suitable for use in USDA inspected facilities
- Can be used as a dryfall coating under certain environmental conditions (see Application Bulletin)
- Conforms to AWWA D102 OCS #3
- Acceptable for use in high performance architectural applications
- Acceptable for interior use / drywall
- Conforms to MPI #'s 154 & 164 (Gloss); 141, 153, & 163 (Semi-Gloss)
- Complies with performance criteria of SSPC Paint 24.
- FIRETEX Hydrocarbon Coatings

PERFORMANCE CHARACTERISTICS

Substrate*: Steel

Surface Preparation*: SSPC-SP10

System Tested*:

2 cts. Sher-Cryl HPA @ 3.0 mils (75 microns) dft/ct

*unless otherwise noted below

Test Name	Test Method	Results
Adhesion	ASTM D4541	946 psi
Corrosion Weathering¹	ASTM D5894, 10 cycles, 3,360 hours	Rating 9 per ASTM D610 for rusting ; Rating 10 per ASTM D714 for blistering
Direct Impact Resistance	ASTM D2794	>100 in. lbs.
Dry Heat Resistance	ASTM D2485	300°F (149°C)
Exterior Durability	3 years, 45° South	Excellent
Flexibility	ASTM D522, 180° bend, 1/8" mandrel	Passes
Humidity Resistance¹	ASTM D4585, 1,250 hours	Rating 9 per ASTM D1654 for corrosion ; Rating 10 per ASTM D714 for blistering
Pencil Hardness	ASTM D3363	2B
Salt Fog Resistance¹	ASTM B117, 1,250 hours	Rating 9 per ASTM D1654 for corrosion ; Rating 10 per ASTM D714 for blistering
Thermal Cycling	ASTM D2246, 10 cycles	Passes

Footnote:

¹ 1 ct. Sher-Cryl HPA over 1 ct. Pro Industrial Pro-Cryl Universal Primer

Provides performance comparable to products formulated to federal specification: AA50570, and Paint Specification: SSPC-Paint 23 and 24.



Protective & Marine Coatings

SHER-CRYL™ HPA HIGH PERFORMANCE ACRYLIC

B66-300 SERIES
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PRODUCT INFORMATION

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RECOMMENDED SYSTEMS

		Dry Film Thickness / ct.	
		Mils	(Microns)
Steel:			
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Steel:			
1 ct.	Pro Industrial Pro-Cryl Universal Primer	2.0-4.0	(50-100)
1-2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Steel:			
1 ct.	DTM Acrylic Primer/Finish	2.5-5.0	(63-125)
or	Kem Bond HS	2.0-5.0	(50-125)
or	Zinc Clad Primer	3.0-5.0	(75-125)
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Steel:			
1 ct.	Zinc Clad XI	3.0-4.0	(75-100)
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Aluminum:			
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Aluminum:			
1 ct.	DTM Wash Primer	0.7-1.3	(18-32)
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Galvanizing:			
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Concrete Block:			
1 ct.	Heavy Duty Block Filler	10.0-18.0	(250-450)
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Concrete/Masonry:			
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Prefinished Siding: (Baked-on finishes)			
1 ct.	DTM Bonding Primer	2.0-5.0	(50-125)
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Wood, exterior:			
1 ct.	A-100 Exterior Oil Wood Primer	1.5	(38)
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)
Wood, interior:			
1 ct.	Premium Wall & Wood Primer	1.8	(45)
2 cts.	Sher-Cryl HPA	2.5-4.0	(63-100)

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

DISCLAIMER

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SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Do not use hydrocarbon solvents for cleaning.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

Iron & Steel:	SSPC-SP2
Aluminum:	SSPC-SP1
Galvanizing:	SSPC-SP1
Concrete & Masonry:	SSPC-SP13/NACE 6, or ICRI No. 310.2R, CSP 1-3
* Wood:	Dry and sanded smooth
* Prefinished Siding:	SSPC-SP1
* Requires primer	

Surface Preparation Standards

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	C St 2	C St 2	SP 2	-
Rusted	D St 2	D St 2	SP 2	-
Pitted & Rusted	C St 3	C St 3	SP 3	-
Rusted	D St 3	D St 3	SP 3	-
Power Tool Cleaning	D St 3	D St 3	SP 3	-

TINTING

Tint with CCE or EnviroToner colorants at 100% strength. Do not use BAC.

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

APPLICATION CONDITIONS

Temperature:	50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material)
Relative humidity:	At least 5°F (2.8°C) above dew point 85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging:	1 gallon (3.78L) and 5 gallon (18.9L) containers
Weight:	10.30 ± 0.2 lb/gal 1.24 Kg/L

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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

WARRANTY

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.



Protective & Marine Coatings

SHER-CRYL™ HPA HIGH PERFORMANCE ACRYLIC

B66-300 SERIES
B66-350 SERIES

GLOSS
SEMI-GLOSS

Revised: Oct 28, 2015

APPLICATION BULLETIN

1.26

SURFACE PREPARATIONS

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

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

The surface should be weathered for 6 months prior to painting. Remove all oil and grease per SSPC-SP1. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Prime area the same day as cleaned with Pro Industrial Pro-Cryl.

Concrete and Masonry

For surface preparation, refer to SSPC-SP13/NACE 6 or ICRI No. 310.2R, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Surface temperatures must be at least 55°F (13°C) before filling. If required for a smoother finish, use Heavy Duty Block Filler, B42W46. Filler 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.

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.

Pre-Finished Siding:

Remove oil, grease, dirt, oxides, and other contaminants from the surface by cleaning per SSPC-SP1 or water blasting per NACE Standard RP-01-72. Always checks for compatibility of the previously painted surface with the new coating by applying a test patch of 2 - 3 square feet. Allow to dry thoroughly for 1 week before checking adhesion. DTM Bonding Primer is required.

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.

Surface Preparation Standards

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	C St 2	C St 2	SP 2	-
Pitted & Rusted	D St 2	D St 2	SP 2	-
Rusted	C St 3	C St 3	SP 3	-
Power Tool Cleaning	D St 3	D St 3	SP 3	-

APPLICATION CONDITIONS

Temperature:	50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material) At least 5°F (2.8°C) above dew point
Relative humidity:	85% maximum

APPLICATION EQUIPMENT

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 compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Reducer Water
R8K10 - WB Hot Weather Reducer
up to 10%

Clean Up Water

Airless Spray

Pressure.....	1500 psi
Hose.....	1/4" ID
Tip.....	.017" - .021"
Filter.....	60 mesh
Reduction.....	Not recommended

Conventional Spray

Gun.....	Binks 95
Fluid Nozzle.....	66
Air Nozzle.....	63PB
Atomization Pressure.....	50 psi
Fluid Pressure.....	15-20 psi
Reduction.....	As needed up to 12½% by volume

Brush

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

Roller

Cover.....	3/8" woven solvent resistant core
Reduction.....	Not recommended

If specific application equipment is not listed above, equivalent equipment may be substituted.



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APPLICATION BULLETIN

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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mixing Instructions: Mix paint thoroughly to a uniform consistency with low speed power agitation prior to use.

Apply paint at the recommended film thickness and spreading rate as indicated below:

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	6.0 (150)	10.0 (250)
Dry mils (microns)	2.5 (63)	4.0 (100)
~Coverage sq ft/gal (m ² /L)	154 (3.8)	247 (6.0)
Theoretical coverage sq ft/gal (m ² /L) @ 1 mil / 25 microns dft	616 (15.1)	

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

Drying Schedule @ 7.0 mils wet (175 microns):

	@ 50°F/10°C	@ 77°F/25°C 50% RH	@ 120°F/49°C
To touch:	1 hour	30 minutes	5 minutes
To handle:	8 hours	5 hours	15 minutes
To recoat:	8 hours	5 hours	15 minutes
To cure:	30 days	30 days	30 days

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

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

CLEAN UP INSTRUCTIONS

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.

DISCLAIMER

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PERFORMANCE TIPS

Stripe coat all 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.

During the early stages of drying, the coating is sensitive to rain, dew, high humidity, and moisture condensation. Plan painting schedules to avoid these influences during the first 16-24 hours of curing.

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.

Application temperature above 95°F (35°C) may cause dry spray, uneven sheen, and poor adhesion.

Application temperature below 50°F (10°C) may cause poor adhesion and lengthen the drying and curing time.

Sher-Cryl Acrylic is extremely sensitive to hydrocarbon containing solvents. When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse. Do not use hydrocarbon containing solvents.

Do not use hydrocarbon solvents for cleaning.

Refer to Product Information sheet for additional performance characteristics and properties.

Sher-Cryl can be used as a dryfall coating in certain environmental conditions. Test product before each application. Test by spraying 15-25 feet toward paint container. All material should readily wipe clean. Temperature and humidity will affect ability to dryfall. Hot surface will cause overspray to bond to surface. Always clean overspray immediately from hot surfaces.

Refer to Product Information sheet for additional performance characteristics and properties.

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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WARRANTY

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LOXON™ H1

One Component Low Modulus Hybrid Sealant



PRODUCT DESCRIPTION

Loxon™ H1 is a one component, low modulus, high performance, high movement, fast-curing, non-sag, gun-grade, moisture cure, hybrid sealant. It is designed for a wide range of sealing and caulking applications. After curing, Loxon™ H1 exhibits a flexible, resilient, rubber-like appearance that adheres to a wide variety of substrates. The combination of extreme flexibility (ASTM C920 Class 50) and very low modulus make this sealant excellent for properly constructed EIFS substrates. 100% extension in EIFS joints with minimal stress on bond line. Loxon™ H1 is VOC compliant in all 50 states.

APPLICATIONS

Expansion joints, vertical or horizontal, interior / exterior, above grade, joints with high movement, aluminum, vinyl and wood window frames, vinyl siding, skylights, doors, foundations, fascia, precast units, store front assemblies, panel walls, roofing, sanitary applications and parapets.

SUBSTRATES

EIFS, cementitious board, masonry, stucco, concrete, wood, vinyl, aluminum, steel, ceramics, clay and concrete roof tiles, stone.

Meets or exceeds the following specifications:

- ASTM C-920, Type S, Grade NS, Class 50, Use: NT, A, M, O
- Federal Specification TT-S-00230 C, Type II, Class A, Non-Sag
- Federal Specification TT-S-001543A, Type II, Class A, Non-Sag

PRODUCT AVAILABILITY*

Sales #	SKU / REX	Color	Size
650858988	SU51H0010	White	10.1 oz Cartridge
650859002	SU51H4110	Limestone	10.1 oz Cartridge
650859010	SU51H2110	Stone	10.1 oz Cartridge
650859028	SU51H5010	Black	10.1 oz Cartridge
650859036	SU51H3510	Medium Bronze	10.1 oz Cartridge
650859044	SU51H3610	Special Bronze	10.1 oz Cartridge
650859051	SU51H4510	Aluminum Gray	10.1 oz Cartridge
650859069	SU51H2210	Tan	10.1 oz Cartridge
650859077	SU51H0110	Off-White	10.1 oz Cartridge
650858996	SU51H0043	White	20 oz Sausage
650859119	SU51H4143	Limestone	20 oz Sausage
650859127	SU51H2143	Stone	20 oz Sausage
650859135	SU51H5043	Black	20 oz Sausage
650859143	SU51H3543	Medium Bronze	20 oz Sausage
650859150	SU51H3643	Special Bronze	20 oz Sausage
650859168	SU51H4543	Aluminum Gray	20 oz Sausage
650859176	SU51H2243	Tan	20 oz Sausage
650859184	SU51H0143	Off-White	20oz Sausage
651003253	SU51H7143	Redwood Tan	20oz Sausage

* Not all products are stocked in all DSCs.

ASTM TEST DATA

TABLE 1: TYPICAL UNCURED PROPERTIES*

Property	Value	Test Method/Note
Tack free Time	90 minutes	ASTM C679
Curing Time @75°F, 50% relative humidity	2-5 days depending on bead size	Varies with relative humidity
Flow, Sag or Slump	Passes	ASTM C639
Staining	Passes	ASTM C510

TABLE 2: TYPICAL PROPERTIES* (After full cure at 75°F & 50% RH)

Property	Value	Test Method/Note
Hardness (Shore A)	16+/- 2	ASTM C661
Tensile Strength	140-180 psi	ASTM D412
Elongation	800-1,000%	ASTM D412
Adhesion in Peel	35 pli	ASTM C794
Stain & Color Change	Passes	ASTM C510
Ozone Resistance	Good	
Joint Movement Capability	+ or - 50%	ASTM C719
Extension	100%	ASTM C1382
UV Resistance	Good	ASTM C793

*Values given above are not intended to be used in specification preparation.

The physical properties of fully cured Loxon™ H1 will remain relatively unchanged over a temperature range of -40°F to 180°F.

LOXON™ H1 One Component Low Modulus Hybrid Sealant

LIMITATIONS

Not recommended for:

- Areas subjected to continuous water immersion.
- Joints contaminated with grease, wax, corrosion, bitumen or cement laitance.
- Horizontal joints in floors or decks where abrasion or physical abuse is encountered.
- Special architectural finishes without proper testing.

LOXON™ H1 sealant should be dry tooled. Tooling techniques using solvents or soapy solutions are not recommended.

All surfaces must be evaluated for adhesion prior to use. Not designed as a glazing sealant. Do not apply on glass or plastic glazing panels.

LOXON™ H1 is exceptional where color retention is critical. Check tack-free time to prevent dirt pickup.

During the cure time of LOXON™ H1, do not expose to other uncured sealants, alcohol based materials or solvents, acids, or solvent-based materials, and certain petroleum based products.

Until the sealant is fully cured, do not expose the sealant to any mechanical stress. Uncured sealant will not respond properly to cyclic expansion and contraction of the joint specified for the cured sealant only.

LOXON™ H1 must not be used to seal narrow joints, fillet joints, and face nail holes.

Smearing and feathering LOXON™ H1 over joints is not recommended.

Lower relative humidity and temperature will extend the curing time. Confined areas, deep joints and moisture barrier substrates may also extend the cure time.

TECHNICAL DATA:

LOXON™ H1 exhibits excellent weatherability when exposed to ultraviolet radiation, atmospheric hydrocarbons and extremes in temperature. Joints designed to accommodate 100% total joint movement will not affect the seal or adhesion bond.

Joints properly designed and sealed will extend and compress a total of 100% of the installation width with no more than 50% movement in a single direction.

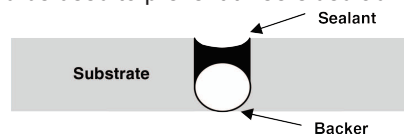
Cured sealant can be painted with emulsion or synthetic enamel paints. LOXON™ H1 will be virtually unaffected by contact with water after cure on non-porous substrates.

On porous substrates, priming is recommended if the sealant will be subjected to sporadic periods of immersion. Not intended for continuous immersion.

PRECAUTIONS: IF THIS PRODUCT IS USED IN DIRECT CONTACT WITH ANY OTHER SEALANT OR ELASTOMER A COMPATIBILITY TEST MUST BE CONDUCTED, BY PURCHASER OR USER, PRIOR TO ACCEPTANCE. LOXON™ H1 SEALANT IS NOT COMPATIBLE WITH OXIME CONTAINING SILICONE SEALANTS.

INSTALLATION: JOINT DESIGN AND PREPARATION

Joint design depends on a variety of factors, such as the maximum expansion and contraction of the substrate from thermal change. Recommended maximum joint width should not exceed 1-1/2" (1.50") (3.81cm) and the maximum joint depth should not exceed 1/2" (0.500") (12.69mm). Minimum joint width should not be less than 1/4" (0.250") (0.34mm). The sealant depth should be 1/4" (0.34mm) for joints 1/4" in width. For joints over 1/4" in width, depth should be 1/2 of the joint width but should not exceed 1/2" (0.500") (12.69mm) in depth. In order to obtain the recommended sealant mass, the joint should be filled with closed cell backer rod first, leaving the proper depth to be filled with sealant. Desirable backer rod materials are polyethylene or polyethylene non-gassing foamed rod. Do not prime or puncture the closed cell structure of polyethylene rod as bubbles could form and migrate to the surface of the curing sealant. The use of open cell backer rod is not recommended. In situations where joint depth does not allow for use of backer rod, bond breaker (polyethylene strip) should be used to prevent three-sided adhesion.



SURFACE PREPARATION:

Old sealant should be completely removed. Concrete and masonry surfaces must be free of foreign matter and contaminants. Dust and loose particles should be blown out of joints. A clean, dry, sound and uncontaminated surface is mandatory. Stone surfaces must be cohesively sound, dry and free of contaminants. Granite, limestone, marble and sandstone must be pre-tested for adhesion prior to sealant installation.

When used in conjunction with EIFS systems, Loxon™ H1 should be applied to system base coat to avoid delamination of EIFS finish. Base coat must be cured, of proper depth, well bonded and sound. Some EIFS systems may require a primer. Refer to EIFS manufacturer recommendations.

Mill finish aluminum may contain an invisible oil film or oxide. Clean with an appropriate solvent. The use of solvents may be hazardous to your health. Use only in well ventilated areas. KEEP AWAY FROM OPEN FLAME. Read all labeling before use and follow solvent manufacturer's recommendations and instructions for safe handling. Many high-performance coatings or unusual surface treatments may require abrasion of the surface with steel wool or fine emery paper during preparation.

PRIMING:

Certain situations or substrates may require a primer. Ensure compatibility *before* using primers. See primer PDS for details and proper use (SUPRIQD13 or SUPRIPS13).

- Priming of masonry or other porous substrate joints with SUPRIPS13 is recommended if the joints will be subjected to intermittent immersion.

LOXON™ H1 One Component Low Modulus Hybrid Sealant

- b) Some metals and non-porous surfaces may require priming with SUPRIQD13.
- c) It is recommended that all surfaces be pre-tested with LOXON™ H1 sealant to determine if cleaning will be necessary to remove surface contamination. In the case of some exotic coatings, priming or other surface treatment may be necessary.
- d) LOXON™ H1 Sealant is compatible with most coatings and treatments, but due to the vast numbers of, and types of surface coatings available, Sherwin-Williams recommends pre-testing LOXON™ H1 sealant on the surface in question. Follow manufacturer's recommended recoat times for application of LOXON™ H1 sealant to primers or treatments. Check primer or treatment for surface contaminants prior to application of sealant.

METHOD OF APPLICATION:

All surfaces must be structurally sound, clean, dry, and fully cured. A field adhesion (pull test) in test joints is recommended, before application. Apply LOXON™ H1 sealant in a continuous operation, using a professional grade caulking gun and positive pressure adequate to properly fill and seal the joint.

TOOLING:

LOXON™ H1 sealant should be dry tooled. Tooling techniques using solvents or soapy solutions are not recommended. Tooling of freshly applied sealant is necessary for proper adhesion. Tool the sealant with adequate pressure to spread the sealant against the back-up material and onto the joint surfaces. If joint surfaces have been masked, remove masking tape immediately after tooling.

PAINTING:

Exercise caution if painting. When painting over LOXON™ H1 sealant with primers, top-coats or treatments, cracking or peeling of these coatings could occur because of joint movement. In general, oil-based paints are not recommended because of their relatively poor elastic properties and because of their potential interaction with the sealant chemistry, which may create non-curing conditions for the painted sealant. Do not paint over LOXON™ H1 sealant until it has formed a skin (thin film). Cure is dependent on temperature and humidity.

LOXON™ H1 sealant when applied in a typical 1/2" x 1/4" bead and backed with a suitable bond-breaker at 75°F and 50% RH, will be acceptable for painting with breathable coatings within 24 hours and non-breathable coatings after 72 hours. Warmer, more humid conditions will allow LOXON™ H1 sealant to cure more quickly and conversely, cooler and/or drier conditions will lengthen the cure time. A small test area is strongly recommended.

CLEANING:

Cured sealant is very difficult to remove. Excess sealant and smears should be dry-wiped from all surfaces while still uncured, followed with a commercial solvent such as xylol, toluol or methyl ethyl ketone. The use of these solvents (or other solvents) may be hazardous to your health.

KEEP AWAY FROM OPEN FLAME. Read all labeling before use, and follow solvent manufacturer's recommendations and instructions for safe handling. Tool and application equipment may also be cleaned with the same solvents. The dried sealant can be removed by cutting with a sharp-edged tool; thin films by abrading.

CAUTIONS

Danger. May cause an allergic skin reaction. May damage fertility. May damage the unborn child. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer.
Prevention: Obtain special instructions before use. Avoid breathing dusts/vapours. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Wear protective gloves. Wear eye or face protection. Use personal protective equipment as required. Contaminated work clothing should not be allowed out of the workplace. Response: IF exposed or concerned: Get medical attention. **IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing. Wash contaminated clothing before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. **Storage:** Store locked up. **Disposal:** Dispose of contents and container in accordance with all local, regional, national and international regulations. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **FOR INDUSTRIAL USE ONLY.** Please refer to the SDS for additional information. Do not transfer contents to other containers for storage. Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 58%

SHELF LIFE:

LOXON™ H1 sealant will exhibit a 15 month shelf life from the date of manufacture when stored at room temperature.

LIMITED WARRANTY

LIMITED WARRANTY: Sherwin-Williams warrants for one year from date of use if used as directed and within product shelf life (as set forth in the current Sherwin-Williams Product Data Sheet (the "PDS") for this product) that this product will be free from manufacturing defects and meet the specifications set forth in the product PDS. Sherwin-Williams makes no warranty as to appearance or color. If this product fails to meet the foregoing warranty, as your sole remedy, upon proof of purchase, we will replace the product at no cost or refund the original purchase price. Labor or costs associated with labor not included. This warranty is made to the original purchaser and is not transferable. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, WHICH ARE ALL DISCLAIMED AND/OR LIMITED IN DURATION TO THE EXTENT PERMITTED BY LAW. WE SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS) FROM ANY CAUSE WHATSOEVER.

LOXON™ H1 One Component Low Modulus Hybrid Sealant

Coverage in Lineal Feet One cartridge (10.1fl. Oz)				
Depth in Inches				
Width in inches		1/4"	3/8"	1/2"
	1/4"	24'	-	-
	3/8"	16'	-	-
	1/2"	12'	-	-
	5/8"	10'	7'	-
	3/4"	-	6'	4'
	7/8"	-	5'	4'
	1"	-	4'	3'

When using this reference chart, you **MUST** consider the physical limitations of the product you are using. Not all products can be used in the gap sizes shown.

Performance Tips:

- Prevent Loxon™ H1 from coming into contact with oil-based sealants, uncured silicone sealants, polysulfides, or fillers that contain oil, tar or asphalt.
- LOXON™ H1 sealant will not adhere to previously applied silicone sealants.
- Protect unopened containers from direct sunlight and heat.
- In cool or cold weather, store container(s) at room temperature for at least 24 hours, before using.
- Loxon™ H1 can be applied below freezing temperatures only if: substrates are completely dry and free of moisture, and clean.
- Do not apply over freshly treated wood; treated wood must have been weathered for at least six months.
- Do not use in swimming pools or other submerged conditions.
- Substrates such as stainless steel, copper, and galvanized steel typically require the use of a primer. Loxon™ Quick Dry primer SUPRIQD13 is acceptable. Loxon™ Quick Dry primer SUPRIQD13 can also be used for Kynar 500 based coatings. An adhesion test is recommended for any questionable substrate.
- Loxon™ H1 should **not** be used in glazing applications. Do **not** apply on glass or plastic glazing panels.



SAMPLE CLACKAMAS COUNTY PUBLIC IMPROVEMENT CONTRACT

This Public Improvement Contract (the "Contract"), is made by and between the Clackamas County, a political subdivision of the State of Oregon, hereinafter called "Owner," and Contractor Name (No DBA/ABN), hereinafter called the "Contractor" (collectively the "Parties"), shall become effective on the date this Contract has been signed by all the Parties and all County approvals have been obtained, whichever is later.

Project Name: #2017-54 Exterior Painting of the North Clackamas Aquatic Park ("Project")

1. **Contract Documents.** This Contract shall consist of the following documents ("Contract Documents"), hereby incorporated by reference, and are listed in descending order of precedence.
 - A. This Public Improvement Contract
 - B. Clackamas County General Conditions for Public Improvement Contracts (dated 1/1/2017)("General Conditions") which can be downloaded at the following web address: http://www.clackamas.us/bids/documents/2017_generalconditions.pdf
 - C. Exhibit A - Scope of Work
2. **Contract Price.** The Owner will compensate the Contractor for Work on a ☐ time and material basis at the rates outlined in Exhibit B and subject to a maximum not-to-exceed price of \$; or ☐ in the firm, fixed-price amount of \$; in accordance with the requirements of the General Conditions for the performance of all Work described and reasonably inferred from the Contract Documents. If the Project is done on a time and materials basis, the Contractor's listing of wage rates, material unit costs and overhead charges for the Work is attached to this Contract.
3. **Scope of Work.** This Project consists of the Scope of Work ("Work") as described in Exhibit A.
4. **Representatives.** Contractor has named its Authorized Representative to act on its behalf. Owner designates, or shall designate, its Authorized Representative as indicated below (check one):

☒ Unless otherwise specified in the Work, the Owner designates Kevin Cayson as its Authorized Representative in the administration of this Contract. The above-named individual shall be the initial point of contact for matters related to Contract performance, payment, authorization, and to carry out the responsibilities of the Owner.

☐ Name of Owner's Authorized Representative shall be submitted by owner in a separate writing.
5. **Contractor Key Persons.** The Contractor's personnel identified below shall be considered Key Persons and shall not be replaced during the project without the written permission of Owner, which shall not be unreasonably withheld. If the Contractor intends to substitute personnel, a request must be given to Owner at least 30 days prior to the intended time of substitution. When replacements have been approved by Owner, the Contractor shall provide a transition period of at least 10 working days during which the original and replacement personnel shall be working on the project concurrently. Once a replacement for any of these staff members is authorized, further replacement shall not occur without the written permission of Owner. The Contractor's project staff shall consist of the following personnel:

Project Executive: shall be the Contractor's project executive, and will provide oversight and guidance throughout the project term.

Project Manager: shall be the Contractor's project manager and will participate in all meetings throughout the project term.

Job Superintendent: shall be the Contractor's on-site job superintendent throughout the project term.

Project Engineer: shall be the Contractor's project engineer, providing assistance to the project manager, and subcontractor and supplier coordination throughout the project term.

6. Contract Dates. The following critical dates are hereby set for this Project. Time is of the essence.

- A. COMMENCEMENT DATE: Upon Issuance of Notice to Proceed
- B. SUBSTANTIAL COMPLETION DATE: October 31, 2017
- C. FINAL COMPLETION DATE: November 30, 2017

7. Minimum Wage Rates. (Check one of the following):

☐ Prevailing Wage Rates requirements do not apply to this Project because the maximum compensation for all Owner-contracted Work does not exceed \$50,000.

☒ Prevailing Wage Rates requirements apply to this Project because the maximum compensation for all Owner-contracted Work is more than \$50,000. Contractor and all subcontractors shall comply with the provisions of ORS 279C.800 through 279C.870, relative to Prevailing Wage Rates and the required public works bond, as outlined in Sections C.1, C.2, and G.2.3 of the General Conditions. The Bureau of Labor and Industries (BOLI) wage rates and requirements set forth in the following BOLI booklet (and any listed amendments to that booklet), which are incorporated herein by reference, apply to the Work authorized under this Contract:

PREVAILING WAGE RATES for Public Works Contracts in Oregon, July 1, 2017, which can be downloaded at the following web address:

http://www.oregon.gov/boli/WHDPWR/JULY2017/July_1_2017_PWR.pdf.

The Work will take place in Clackamas County, Oregon.

8. Tax Compliance. Contractor must, throughout the duration of this Contract and any extensions, comply with all tax laws of this state and all applicable tax laws of any political subdivision of this state. Any violation of this section shall constitute a material breach of this Contract. Further, any violation of Contractor's warranty in this Contract that Contractor has complied with the tax laws of this state and the applicable tax laws of any political subdivision of this state also shall constitute a material breach of this Contract. Any violation shall entitle County to terminate this Contract, to pursue and recover any and all damages that arise from the breach and the termination of this Contract, and to pursue any or all of the remedies available under this Contract, at law, or in equity, including but not limited to: (A) Termination of this Contract, in whole or in part; (B) Exercise of the right of setoff, and withholding of amounts otherwise due and owing to Contractor, in an amount equal to County's setoff right, without penalty; and (C) Initiation of an action or proceeding for damages, specific performance, declaratory or injunctive relief. County shall be entitled to recover any and all damages suffered as the result of

Contractor's breach of this Contract, including but not limited to direct, indirect, incidental and consequential damages, costs of cure, and costs incurred in securing replacement performance. These remedies are cumulative to the extent the remedies are not inconsistent, and County may pursue any remedy or remedies singly, collectively, successively, or in any order whatsoever.

The Contractor represents and warrants that, for a period of no fewer than six calendar years preceding the effective date of this Contract, has faithfully complied with: (A) All tax laws of this state, including but not limited to ORS 305.620 and ORS chapters 316, 317, and 318; (B) Any tax provisions imposed by a political subdivision of this state that applied to Contractor, to Contractor's property, operations, receipts, or income, or to Contractor's performance of or compensation for any work performed by Contractor; (C) Any tax provisions imposed by a political subdivision of this state that applied to Contractor, or to goods, services, or property, whether tangible or intangible, provided by Contractor; and (D) Any rules, regulations, charter provisions, or ordinances that implemented or enforced any of the foregoing tax laws or provisions.

9. Insurance Certificates and Required Performance and Payment Bonds.

- 9.1 In accordance with Section G.3.5 of the General Conditions, Contractor shall furnish proof of the required insurance naming Clackamas County and the Owner as additional insureds. Insurance certificates may be returned with the signed Contract or may be emailed to Procurement@clackamas.us.
- 9.2 In accordance with Section G. of the General Conditions, Contractor shall furnish performance and payment bonds, on the bond forms furnished by the Owner, and in a sum equal to the Contract Price.

10. Execution and Counterparts. This Contract may be executed in several counterparts, each of which shall be an original, all of which shall constitute one and the same instrument.

11. Integration. The Contract Documents constitute the entire agreement between the Parties. There are no other understandings, agreements or representations, oral or written, not specified herein regarding this Contract. Contractor, by the signature below of its authorized representative, hereby acknowledges that it has read this Contract, understands it, and agrees to be bound by its terms and conditions.

12. Contractor Data.

(Insert Contractor Name & Address)

Contractor CCB # Expiration Date:
Oregon Business Registry # Entity Type: State of Formation:

Payment information will be reported to the IRS under the name and taxpayer ID# provided by the Contractor. Information must be provided prior to contract approval. Information not matching IRS records could subject Contractor to 28 percent backup withholding.

By their signatures below, the parties to this Contract agree to the terms, conditions, and content expressed herein.

Contractor Name (No DBA/ABN)

Clackamas County

Date

Gary Barth, Director Date

Name / Title Printed

APPROVED AS TO FORM

County Counsel Date

EXHIBIT A – SCOPE OF WORK