



City of Naples

REQUEST FOR (FWQ) FORMAL WRITTEN QUOTES
FWQ No. 19-036 - Norris Center Painting - Facilities Maintenance

FWQ'S ARE DUE ON/BEFORE 2:00 PM, 4-10-19
Minimum time frame To Due Date

Section A:

PRODUCT (COMMODITY) / SCOPE OF SERVICES:

A. SCOPE OF SERVICES

Furnish all materials, labor and equipment for the pressure washing and exterior painting of the Norris Center 755 8th Ave South. Project shall start near the end of April and shall be completed withing 30 days of the Notice to Proceed.

B. CONTRACT MANAGEMENT

Travis Delashmet and/or his authorized representative will serve as the City's Contract Manager.

C. LICENSES AND PERMITS

Winning bidder must be a Licensed Painting Contractor or General Contractor.

D. CONDUCT

The contractor and his employees will conduct themselves in such a manner as to avoid embarrassment to the City of Naples, and shall at all times be courteous to the public. Although uniforms are not required, proper clothing shall be worn at all times to include shirts, necessary safety equipment, pants, short or long, and proper footwear. Proper safety equipment shall always be worn.

E. CONTRACTORS EQUIPMENT

All vehicles and equipment must be maintained in good repair, appearance and sanitary condition at all times. Vehicles must be clearly identified with the name of the company and phone number clearly visible. In addition, the contractor will be responsible for using the necessary safety equipment according to State standards while working on City, County, or State roads as a sub-contractor of the City.

F. DISPOSAL OF DEBRIS

The contractor shall dispose of all debris and other materials gathered from the described work in compliance with City and County Laws.

I. SCHEDULING OF WORK

1. All work will be performed Monday through Friday. Saturday and Sunday work may be authorized by the Contract Manager.
2. The Norris Center will remain open and the contractor will have to be sure there is always access to the building.
3. The Contractor will correct work deficiencies and/or problems pointed out by the Contract Manager within 3 days of notification or sooner depending on the nature of the deficiency.

II. PAYMENT REQUESTS, INVOICES AND WORK REPORTS

1. Invoices shall be submitted after work is completed with a detailed description of the work performed.
2. The successful bidder(s) will meet with Contract Manager and set up procedures prior to the start of work.

G. NON-PERFORMANCE

The City reserves the right to cancel the contract with a seven (7) day notice should the Contractor fail to perform up to the

Company Name: _____

Authorized Signature: _____

requirements and standards identified in the specifications. The City may withhold part or all payments due to the Contractor until correction is made.

H. QUALIFICATIONS

The Contractor shall be licensed with a minimum of three (3) years' experience in painting, in commercial application. All bidders shall provide, with their FWQ, a list of at least three (3) commercial references within the past three (3) years. The City reserves the right to contact these as references, in order to determine the competency of the Contractor.

I. INSPECTION

The Contract Manager will make visits to the site at intervals appropriate to the various stages to observe the progress and quality of the executed work and determine if the work is proceeding in accordance with the Contract Documents. Contract Manager may authorize minor variations from the requirements of the Contract Documents.

J. REJECTING DEFECTIVE WORK

The Contract Manager will have the authority to disapprove or reject work, which he believes to be unacceptable work and not in accordance with Contract Documents. Parks & Parkways/Facilities Maintenance Superintendent will be the final interpreter of the requirements of the Contract Documents and judge of the acceptability of the work performed. City will notify the contractor immediately of unacceptable work. If work has been rejected, contractor shall correct all defective work within 3 days of notification. The contractor will bear all costs to correct the defective work. If the contractor fails to correct the defective work, or if the contractor fails to perform the work in accordance with the Contract Documents, the City may correct and remedy any such deficiency, with the contractor to bear all costs to correct the defective work. Protect adjacent surfaces from spattering or overruns using adequate drop cloths, masking, etc., as necessary.

K. PROTECTION OF PUBLIC AND PRIVATE PROPERTY

1. Contractor shall assume full responsibility for any damage to any property including but not limited to walls, floors, tables, chairs, trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and underground facilities, resulting from the performance of the work.
2. The contractor upon receipt of either written or oral notice to discontinue such practice shall immediately discontinue any practice obviously hazardous in the opinion of the Contract Manager. The contractor shall comply with all OSHA and other Federal and State safety standards. Blocking of the public street, except under extreme emergency conditions, shall not be permitted unless prior arrangements have been made with the Contract Manager and the City Police and Fire Departments and other agencies having jurisdiction over the street to be closed.

SCHEDULE of Materials to be used (PRODUCT SPECIFIED IS SHERWIN WILLIAMS, THE CITY WILL ACCEPT AN APPROVED EQUIVALANT. THE The EQUIVALANT PRODUCT MUST BE REQUESTED AND APPROVED BEFORE THIS FWQ IS SUBMITTED ON OR BEFORE 4/10/2019.)

EXTERIOR FINISHES

ALUMINUM

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer Off White

Topcoat: B65W00721 - Pro Industrial Waterbased Acrolon 100 Polyurethane (Part A) Extra White match red hand rails/

doors-HIGH GLOSS FINISH catalyst: B65V00720 - Pro Industrial Waterbased Acrolon 100 Polyurethane (Part B) Hardener

CONCRETE/CEMENT

Primer: A24W01100 - Loxon® Masonry Coating Systems Conditioner White chalk sealer-for stucco

Topcoat: A89W01151 - SuperPaint® Exterior Latex Satin Extra White

WOOD

Coat 1: A49H00201 - Wood Classics® Interior Oil Stain Golden Oak Golden Oak stain-match

Topcoat: 013205000 - Minwax® Indoor/Outdoor Helmsman® Spar Urethane Varnish Satin Clear top coat for exterior

SURFACE PREPARATION

1) ALUMINUM

Company Name: _____

Authorized Signature: _____

Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP1, Solvent Cleaning.

2) DRYWALL (Interior and Exterior)

Must be clean and dry. All nail heads must be set and spackled. Joints must be taped and covered with a joint compound. Spackled nail heads and tape joints must be sanded smooth and all dust removed prior to painting. Exterior surfaces must be spackled with exterior grade compounds.

3) PREVIOUSLY COATED SURFACES

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

4) SOLVENT CLEANING

Solvent Cleaning is a method for removing all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants. Solvent cleaning does not remove rust or mill scale. Change rags and cleaning solution frequently so that deposits of oil and grease are not spread over additional areas in the cleaning process. Be sure to allow adequate ventilation. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No. 1. (SSPC-SP1)

5) STUCCO

Must be clean and free of any loose stucco. If recommended procedures for applying stucco are followed, and normal drying conditions prevail, the surface may be painted in 30 days. The pH of the surface should be between 6 and 9, unless the products to be used are designed to be used in high pH environments such as Loxon.

6) WOOD (Exterior)

Must be clean and dry. Prime and paint as soon as possible. Knots and pitch streaks must be scraped, sanded, and spot primed before a full priming coat is applied. Patch all nail holes and imperfections with a wood filler or putty and sand smooth.

END OF SPECIFICATION

DATA PAGE

As of 09/11/2015, Complies with:

OTC Yes LEED® 09 CI Yes

SCAQMD Yes

LEED® 09 NC Yes

CARB Yes LEED® 09 CS Yes

CARB SCM 2007 Yes LEED® 09 S Yes

MPI 107,134 NGBS Yes

CHARACTERISTICS

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

- Rust inhibitive
- Single component
- Early moisture resistant
- Fast dry
- Low temperature application 40°F

Company Name: _____

Authorized Signature: _____

- Interior and exterior use
- Suitable for use in USDA inspected facilities

Color: Off White, Gray, Red Oxide Recommended Spread Rate per coat: Wet mils: 5.0 - 10.0 Dry mils: 1.8 - 3.6
 ~Coverage: 160 - 320 sq ft/gal Approximate Theoretical coverage sq ft/gal (m2/L) @ 1 mil / 25 microns dft 577sq ft
 NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Time @ 6.0 mils wet 50% RH: 40°F 77°F 120°F

To touch: 2 hrs 40 min 20 min

Tack free: 8 hrs 2 hrs 1 hr

To recoat: 16 hrs 4 hrs 2 hrs

To cure: 45 days 30 days 14 days

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

Finish: Low sheen

Flash Point: N/A

Shelf Life: 36 months, unopened Store indoors at 40°F to 100°F.

Tinting: Do not tint

B66W310 (may vary by color)

VOC (less exempt solvents):

96 g/L; 0.80 lb/gal

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

Volume Solids: 36% ± 2%

Weight Solids: 49% ± 2%

Weight per Gallon: 10.23 lb RECOMMENDED SYSTEMS

Waterborne topcoat:

1-2 cts. Pro Industrial Acrylic

or Pro Industrial DTM Acrylic

or Pro Industrial Multi-Surface Acrylic

or Pro Industrial Pre-Catalyzed Waterbased Epoxy or Pro Industrial Waterbased Acrolon 100

or Pro Industrial Waterbased Catalyzed Epoxy

Solventborne topcoat: 1-2 cts. Pro Industrial High Performance Epoxy or Pro Industrial Urethane Alkyd

Pro Industrial Pro-Cryl Universal Primer B66W310 Off White is GREENGUARD GOLD certified for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.

System Tested: (unless otherwise indicated) Substrate: Steel

Surface Preparation: SSPC-SP10 1 ct. Pro Industrial Pro-Cryl Universal Primer 1 ct. Pro Industrial Acrylic

Adhesion: Moisture Condensation Resistance:

Method: ASTM D4541 Method: ASTM D4585, 100°F, 1250 Result: 500 psi hours Result: Passes Corrosion Weathering:

Method: ASTM D5894, 10 cycles, Pencil Hardness: 3360 hours Method: ASTM D3363 Result: Passes Result: H

Direct Impact Resistance: Salt Fog Resistance: Method: ASTM D2794 Method: ASTM B117, 1250 hours Result: >140 in. lbs. Result: Passes

Dry Heat Resistance*: Provides performance comparable to Method: ASTM D2485 products formulated In Lieu of Federal

Result: 200°F Specification: AA50557 and Paint Specification: SSPC-Paint 23. Flexibility: Method: ASTM D522, 180° bend, 1/4" mandrel Result: Passes

*Suitable for intermittent dry heat resistance up to 300°F when used as a system with Sher-Cryl HPA
 9/2015 www.sherwin-williams.com continued on back

PRO INDUSTRIAL™ PRO-CRYL® UNIVERSAL PRIMER SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead.

Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant

Company Name: _____

Authorized Signature: _____

women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Do not use hydrocarbon solvents for cleaning.

Iron & Steel - Minimum surface preparation is Hand Tool Cleaning per SSPC-SP2. Remove all oil and grease from the surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6.

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

Galvanizing - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

Previously Painted Surfaces - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

APPLICATION PROCEDURES

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

SAFETY PRECAUTIONS

Refer to the SDS sheets before use. **FOR PROFESSIONAL USE ONLY**

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

PERFORMANCE TIPS

No painting should be done immediately after a rain or during foggy weather. When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. Apply coating evenly while maintaining a wet edge to prevent lapping.

APPLICATION

Refer to the SDS before using

Temperature: 40°F minimum 120°F maximum (air, surface, and material) At least 5°F above dew point

Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

Reducer: Water

Airless Spray

Pressure2000 psi

Hose 1/4" ID

Tip015" - .019"

Company Name: _____

Authorized Signature: _____

Filter 60 mesh
ReductionNot recommended

Conventional Spray

Gun Binks 95
Fluid Nozzle 66
Air Nozzle 63PB
Atomization Pressure60 psi Fluid Pressure25 psi
ReductionAs needed up to 5% by volume
Brush Nylon/Polyester ReductionNot recommended
Roller3/8" woven
ReductionAs needed up to 5% by volume

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

CLEANUP INFORMATION

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

HOTW 09/11/2015 B66W00310 32 96 KOR, FRC, SP

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.

As of 12/19/2016, Complies with:

OTC Yes LEED® 09 NC,CI Yes
OTC Phase II Yes LEED® 09 CS Yes
SCAQMD Yes LEED® V4 Emissions No
CARB Yes LEED® V4 VOC Yes
CARB SCM2007 Yes
Canada Yes MPI

CHARACTERISTICS

Pro Industrial Waterbased Acrolon 100 is an advanced technology, <100 g/L VOC, waterbased, acrylic urethane. It provides performance properties comparable to premium quality solvent based urethanes. This is a high gloss, abrasion resistant urethane that has excellent weathering properties.

- Can be applied directly to water based and solvent based organic zinc rich primers
- Suitable for use in USDA inspected facilities
- Acceptable for use in high performance architectural applications

Color: many colors

Recommended Spread Rate per coat:

Wet mils: 4.0 -8.0 Dry mils: 1.8 - 3.6

Coverage: 200 - 400 sq ft/gal

Approximate spreading rates are calculated on volume solids and do not include any application loss. Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Time @ 5.0 mils wet 50% RH:

@ 55°F @ 77°F @ 120°F

To touch: 3 hr 1.5 hr 45 min

To handle: 12 hrs 6 hrs 2 hrs To recoat: minimum: 16 hrs 8 hrs 2-4 hrs maximum: 3 months

To Cure: 14 Days 10 Days 2 days

Pot Life: 2.5 hrs 2 hrs 45 min Sweat-in-Time: None

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

Company Name: _____

Authorized Signature: _____

Finish: 80+@ 60° High Gloss Flash Point: 105°F TCC catalyzed Shelf Life: 24 months, unopened Store indoors at 40°F to 100°F.

Tinting part A with CCE: Use the 100% tint strength formula pages. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Extra White B65W00721/B65V00720 VOC (less exempt solvents): Mixed/Unreduced: 97 g/L - 0.81 lb/gal

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

Mix Ratio: 4:1 by volume

Volume Solids: 45 ± 2%

Weight Solids: 52 ± 2%

Weight per Gallon: 9.54 lb RECOMMENDED SYSTEMS

Steel:

1 ct. Pro Industrial Pro-Cryl Primer Concrete: (high performance)

1-2cts. Pro Industrial Waterbased Acrolon 100 1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer

Steel: 1-2cts. Pro Industrial Waterbased Acrolon 100

1 ct. Zinc-Clad IV Primer Concrete/Masonry:

1-2cts. Pro Industrial Waterbased Acrolon 100 1 ct. Loxon Concrete & Masonry Primer

Steel: 1-2cts. Pro Industrial Waterbased Acrolon 100

1 ct. Zinc-Clad IV Primer Drywall:

1 ct. Macropoxy 646-100 1 ct. ProMar 200 Zero VOC Primer

1-2cts. Pro Industrial Waterbased Acrolon 100 1-2cts. Pro Industrial Waterbased Acrolon 100

Aluminum: Galvanizing:

1 ct. DTM Wash Primer 1 ct. DTM Wash Primer

1-2cts. Pro Industrial Waterbased Acrolon 100 1-2cts. Pro Industrial Waterbased Acrolon 100

Concrete Block (CMU): Pre-Finished Siding:(Baked-on finishes) 1 ct. Pro Industrial Heavy Duty Blockfiller 1 ct. Bond-Plex WB Acrylic

1-2cts. Pro Industrial Waterbased Acrolon 100 1-2cts. Pro Industrial Waterbased Acrolon 100

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

System Tested: (*unless otherwise indicated below)

Substrate: Steel

Surface Preparation*: SSPC-SP10

1 ct. Waterbased Tile-Clad Primer @ 4.0 mils (100 microns) dft

1 ct. Pro Industrial Waterbased Acrolon 100 @ 3.0 mils (75 microns) dft

Adhesion: Flexibility:

Method: ASTM D4541 Method: ASTM D522, 180° bend, Result: 1080 psi 1/8" mandrel

Result: Pass Accelerated Weathering - QUV: Pencil Hardness: Method: ASTM D4587, QUV-A, Method: ASTM D3363

2000 hours Result: 3H Result: Passes

Corrosion Weathering: Salt Fog Resistance: System Tested

Method: ASTM D5894, 10 cycles (Zinc Clad IV, 2 coats Water Based Acrolon 100) 3360 hours, Method: ASTM B117, 4000 hours Result: Rating 10, per ASTM D610 for Rating 9 per ASTM D610 for rusting, no more than rusting 1/8" rust creepage at scribe

Direct Impact Resistance: Scrub Resistance: Method: ASTM D2794 Method: ASTM D2486, 5000+ cycles, Result: >160 in. lb with no visible wear Dry Heat Resistance: Method: ASTM D2485 Result: 200°F (93°C) 12/2016 www.sherwin-williams.com continued on back

PRO INDUSTRIAL WATERBASED ACROLON 100 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

Company Name: _____

Authorized Signature: _____

Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

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. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Do not use hydrocarbon solvents for cleaning.

Iron & Steel - Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3. For better performance, use Near White Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils / 50 microns). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Primer required.

Galvanizing - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned. Primer required.

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. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Surface temperatures must be at least 55°F (12.8°C) before filling. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids. Primer required.

Pre-Finished Siding: (Fluorocarbon, Silicone Polyester, and Polyester Polymers) 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 (caution: excessive blasting pressure may cause warping, use caution). Always check 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. Use recommended primer.

APPLICATION PROCEDURES

Mix separate components thoroughly with low speed agitation before use. Make certain no pigment remains on the bottom of the can. Then combine 4 parts by volume of Part A with 1 part by volume of Part B. Mix thoroughly with low speed agitation. Reduce 5% - 15% by volume with water for brush and roll application.

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

SAFETY PRECAUTIONS

Refer to the Safety Data Sheets (SDSs) before use. Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

PERFORMANCE TIPS

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. Do not mix previously catalyzed material with new. Do not apply the material beyond recommended pot life. 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.

APPLICATION

Refer to the Safety Data Sheets (SDSs) before use. Temperature: 55°F (13°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

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and

Company Name: _____

Authorized Signature: _____

application conditions. Reduction over 15% of material can affect film build, appearance, and adhesion.

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.

Clear Tint Base (B65T00724) can be used as clear coat

Reducer: Water

Airless Spray

Unit 30:1 Pump
Pressure2700-3000 psi Hose1/4" ID
Tip013" - .015"
Filter60 mesh
ReductionAs needed up to 15% by volume
Conventional Spray Gun..... DeVilbiss JGA
Fluid Nozzle..... E
Air Nozzle 765
Atomization Pressure 45-55 PSI
Fluid Pressure 10-20 PSI
ReductionAs needed up to 15% by volume

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.

BrushNylon / polyester
Roller3/8" woven
Reduction ...As needed up to 15% by volume With water, 5-15% minimum reduction required for brush and roll
If specific application equipment is not listed above, equivalent equipment may be substituted.

CLEANUP INFORMATION

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

KOR, FRC, SP

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As of 12/19/2016, Complies with:

OTC Yes LEED® 09 NC,CI Yes
OTC Phase II Yes LEED® 09 CS Yes
SCAQMD Yes LEED® V4 Emissions No
CARB Yes LEED® V4 VOC Yes
CARB SCM2007 Yes
Canada Yes MPI

CHARACTERISTICS

Pro Industrial Waterbased Acrolon 100 is an advanced technology, <100 g/L VOC, waterbased, acrylic urethane. It provides performance properties comparable to premium quality solvent based urethanes. This is a high gloss, abrasion resistant urethane that has excellent weathering properties.

- Can be applied directly to water based and solvent based organic zinc rich primers
- Suitable for use in USDA inspected facilities
- Acceptable for use in high performance architectural applications

Company Name: _____

Authorized Signature: _____

Color: many colors

Recommended Spread Rate per coat:

Wet mils: 4.0 -8.0 Dry mils: 1.8 - 3.6

Coverage: 200 - 400 sq ft/gal

Approximate spreading rates are calculated on volume solids and do not include any application loss. Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

Drying Time @ 5.0 mils wet 50% RH:

@ 55°F @ 77°F @ 120°F

To touch: 3 hr 1.5 hr 45 min

To handle: 12 hrs 6 hrs 2 hrs To recoat:

minimum: 16 hrs 8 hrs 2-4 hrs

maximum: 3 months

To Cure: 14 Days 10 Days 2 days

Pot Life: 2.5 hrs 2 hrs 45 min Sweat-in-Time: None

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

Finish: 80+@ 60° High Gloss Flash Point: 105°F TCC catalyzed Shelf Life: 24 months, unopened Store indoors at 40°F to 100°F.

Tinting part A with CCE: Use the 100% tint strength formula pages. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

Extra White B65W00721/B65V00720 VOC (less exempt solvents): Mixed/Unreduced: 97 g/L - 0.81 lb/gal

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

Mix Ratio: 4:1 by volume

Volume Solids: 45 ± 2%

Weight Solids: 52 ± 2%

Weight per Gallon: 9.54 lb RECOMMENDED SYSTEMS

Steel:

1 ct. Pro Industrial Pro-Cryl Primer Concrete: (high performance)

1-2cts. Pro Industrial Waterbased Acrolon 100 1 ct. Kem Cati-Coat HS Epoxy Filler/Sealer

Steel: 1-2cts. Pro Industrial Waterbased Acrolon 100

1 ct. Zinc-Clad IV Primer Concrete/Masonry:

1-2cts. Pro Industrial Waterbased Acrolon 100 1 ct. Loxon Concrete & Masonry Primer

Steel: 1-2cts. Pro Industrial Waterbased Acrolon 100

1 ct. Zinc-Clad IV Primer Drywall:

1 ct. Macropoxy 646-100 1 ct. ProMar 200 Zero VOC Primer

1-2cts. Pro Industrial Waterbased Acrolon 100 1-2cts. Pro Industrial Waterbased Acrolon 100

Aluminum: Galvanizing:

1 ct. DTM Wash Primer 1 ct. DTM Wash Primer

1-2cts. Pro Industrial Waterbased Acrolon 100 1-2cts. Pro Industrial Waterbased Acrolon 100

Concrete Block (CMU): Pre-Finished Siding:(Baked-on finishes) 1 ct. Pro Industrial Heavy Duty Blockfiller 1 ct. Bond-Plex WB Acrylic

1-2cts. Pro Industrial Waterbased Acrolon 100 1-2cts. Pro Industrial Waterbased Acrolon 100

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

System Tested: (*unless otherwise indicated below)

Substrate: Steel Surface Preparation*: SSPC-SP10

1 ct. Waterbased Tile-Clad Primer @ 4.0 mils (100 microns) dft

1 ct. Pro Industrial Waterbased Acrolon 100 @ 3.0 mils (75 microns) dft

Adhesion: Flexibility:

Method: ASTM D4541 Method: ASTM D522, 180° bend, Result: 1080 psi 1/8" mandrel

Result: Pass Accelerated Weathering - QUV: Pencil Hardness: Method: ASTM D4587, QUV-A, Method: ASTM D3363

2000 hours Result: 3H Result: Passes

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Corrosion Weathering: Salt Fog Resistance: System Tested

Method: ASTM D5894, 10 cycles (Zinc Clad IV, 2 coats Water Based Acrolon 100) 3360 hours, Method: ASTM B117, 4000 hours Result: Rating 10, per ASTM D610 for Rating 9 per ASTM D610 for rusting, no more than rusting 1/8" rust creepage at scribe Direct Impact Resistance: Scrub Resistance: Method: ASTM D2794 Method: ASTM D2486, 5000+ cycles, Result: >160 in. lb with no visible wear Dry Heat Resistance: Method: ASTM D2485 Result: 200°F (93°C) 12/2016 www.sherwin-williams.com continued on back

PRO INDUSTRIAL WATERBASED ACROLON 100 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.

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. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system. Do not use hydrocarbon solvents for cleaning.

Iron & Steel - Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3. For better performance, use Near White Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils / 50 microns). Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

Aluminum - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Primer required.

Galvanizing - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned. Primer required.

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. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Surface temperatures must be at least 55°F (12.8°C) before filling. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids. Primer required.

Pre-Finished Siding: (Fluorocarbon, Silicone Polyester, and Polyester Polymers) 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 (caution: excessive blasting pressure may cause warping, use caution). Always check 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. Use recommended primer.

APPLICATION PROCEDURES

Mix separate components thoroughly with low speed agitation before use. Make certain no pigment remains on the bottom of the can. Then combine 4 parts by volume of Part A with 1 part by volume of Part B. Mix thoroughly with low speed agitation. Reduce 5% - 15% by volume with water for brush and roll application. Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

SAFETY PRECAUTIONS

Refer to the Safety Data Sheets (SDSs) before use. Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

Company Name: _____

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PERFORMANCE TIPS

Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas. Do not mix previously catalyzed material with new. Do not apply the material beyond recommended pot life. 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.

APPLICATION

Refer to the Safety Data Sheets (SDSs) before use. Temperature: 55°F(13°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

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions. Reduction over 15% of material can affect film build, appearance, and adhesion.

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.

Clear Tint Base (B65T00724) can be used as clear coat

Reducer: Water

Airless Spray

Unit 30:1 Pump

Pressure2700-3000 psi Hose1/4" ID

Tip013" - .015"

Filter60 mesh

ReductionAs needed up to 15% by volume

Conventional Spray Gun..... DeVilbiss JGA

Fluid Nozzle..... E

Air Nozzle 765

Atomization Pressure 45-55 PSI

Fluid Pressure 10-20 PSI

ReductionAs needed up to 15% by volume

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.

BrushNylon / polyester

Roller3/8" woven

Reduction ...As needed up to 15% by volume With water, 5-15% minimum reduction required for brush and roll If specific application equipment is not listed above, equivalent equipment may be substituted.

CLEANUP INFORMATION

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

KOR, FRC, SP

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.

108.20A LOXON® Conditioner A24W01100 Guide Coat White A24V01100 Clear

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SURFACE PREPARATION

Mildew

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution. **APPLICATION**

Do not build a surface glaze. Do not apply to a damp surface. Do not apply over heavy chalk. Do not apply if the surface temperature is below 50°F, when rain is expected within 3 hours, or when the relative humidity is 90% or more.

No reduction necessary.

Brush

Use a nylon/polyester or foam brush.

Roller

Use a 3/8" to 3/4" nap synthetic cover. Spray—Airless Pressure..... 700-1000 psi

Tip015" - .019"

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately 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. **CAUTIONS**

Protect from freezing. Not for use on floors.

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. Get medical attention if irritation persists. If swallowed, 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 12/07/2015 A24W01100 09 00 SP, FRC

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.

102.10 SUPERPAINT® Exterior Latex Satin

A89W00116 Super White A89W01151 Extra White A89W00153 Deep Base A89T00154 Ultradeep Base A89Y00156 Light Yellow

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102.10 SUPERPAINT® Exterior Latex Satin

A89W00116 Super White A89W01151 Extra White A89W00153 Deep Base A89T00154 Ultradeep Base A89Y00156 Light Yellow

SURFACE PREPARATION

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

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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.

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.

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.

*Vinyl or other PVC Building Products Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly, prime with appropriate white primer. Do not paint vinyl with any color darker than the original color or having a Light Reflective Value (LRV) of less than 56 unless VinylSafe® Colors are used. If VinylSafe colors are not used the vinyl may warp. Follow all painting guidelines of the vinyl manufacturer when painting. Only paint properly installed vinyl siding. Deviating from the manufacturer's painting guidelines may cause the warranty to be voided.

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 new and 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. SURFACE PREPARATION

Mildew

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised. Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/ water solution.

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.

Brush

Use a nylon/polyester brush.

Roller

Use a 3/8" - 3/4" nap synthetic cover.

Spray—Airless

Pressure 2000 psi

Tip015"-.019" CAUTIONS

For exterior use only. Protect from freezing. Non-photochemically reactive. Not for use on floors.

Before using, carefully read CAUTIONS on label.

HOTW 03/08/2018 A89W01151 36 39

Company Name: _____

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Viet, KOR

CLEANUP INFORMATION

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

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.

105.02 WOOD CLASSICS® Interior Oil Stain A49-200 Series

10/2015 www.sherwin-williams.com continued on back WOOD CLASSICS® Interior Oil Stain A49-200 Series

APPLICATION

Some soft woods (such as pine, poplar, and spruce) may have a "blotchy" appearance when stained (an uneven color, darker in some areas, lighter in others); sanded wood generally will appear less "blotchy". A coat of Wood Classics Natural or Minwax Pre-Stain Wood Conditioner will greatly reduce or eliminate this "blotchy" appearance. The stain color should be applied within 5 minutes of the Natural, while it is still wet. The use of any sealer will lighten the final color.

GRAINING PROCEDURES

Graining is a technique for giving surfaces the rich glow of wood. The graining tool is simple to use but it requires practice using a sample board to develop your technique. Keep the graining tool clean and clear of buildup by occasionally wiping it with a cloth.

Step 1 - Preparation

Clean the surface of any contamination. Prime the surface as needed.

Step 2 - Graining

For the most natural wood appearance, a coat of SuperPaint Interior Latex Satin tinted to a light tan such as SW6113, should be applied. Allow the base coat to dry thoroughly. Mask all surfaces not to be grained and remove all hardware such as door knobs, hinges, and locks. Apply a thin, uniform coat of stain using a lint-free cloth or a natural bristle brush on a section of the item. Allow the stain to set up for approximately 10 minutes. Work on one small section at a time. Use the graining tool by exerting pressure with your index finger, moving the tool at a constant speed, and rocking the tool slowly back and forth to create a grain or heartwood pattern. Move on to the next section when you are satisfied with the results. Grain in tight corners where the tool cannot reach using a dry brush, steel wool, or cheesecloth. By changing the starting position of the tool on the segment (on the left side, on the right, or in the center); or by starting at the top and moving down then starting at the bottom and moving up; you can develop several different effects on the same object. The look of the grain pattern may be softened by gently brushing over the grain pattern with a dry brush or soft cloth after the stain has begun to set up, about 15 minutes. After graining the entire door, allow to dry for 16-24 hours.

Step 3 - Coloring

After allowing 16-24 hours dry time of the grain pattern, wipe or brush on a thin, even coat of stain in the direction of the grain pattern using a clean, lint-free cloth or a natural bristle brush. This will provide the coloring needed to make the door look like wood. Do not sand between coats of the stain. Use a dry brush to gently feather out any streaks or lap marks. Allow to dry 2 hours before top-coating. Darkness can be controlled by the amount of stain you apply. A thin second coat of stain reveals more grain and a heavier coat will mask some of the grain. Note: Dry times are affected by thickness of application, temperature, and humidity.

If the combination of base coat and graining provides the look you like, this coloring step can be eliminated.

Step 4 - Topcoating

To protect the item and to increase the depth of the pattern, apply a coat of Wood Classics FastDry Oil Varnish, Polyurethane Varnish, Waterborne Polyurethane Varnish, Minwax Polyurethane, Water Based Polyurethane, and Polycrylic. Items

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exposed to direct sunlight should be finished with an exterior varnish.

CLEANUP INFORMATION

Clean spills, spatters, and tools immediately after use with compliant cleanup solvent. After cleaning, flush spray equipment with a compliant cleanup solvent to prevent rusting of the equipment. 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. **CAUTIONS** For interior use only. **HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.** Before using, carefully read **CAUTIONS**

Caution

CAUTION contains ALIPHATIC HYDROCARBONS.

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 10/21/2015 A49V00200 11 525

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.

MINWAX® Technical Data Sheet MINWAX® HELMSMAN SPAR URETHANE

DESCRIPTION:

Helmsman Spar Urethane is a durable, clear urethane topcoat for maintaining outdoor wood. Its improved formula can be recoated in 25% less time and contains over 100% more UV blockers than the original Helmsman Spar Urethane. Helmsman® forms a protective barrier against rain and moisture; Its special oils allow the finish to expand and contract with the wood as seasons and temperatures change; The UV blockers reduce the sun's graying and fading effects. Helmsman is available in Satin, Semi-Gloss and High Gloss sheens. Aerosol spray application is available.

RECOMMENDED USE:

Designed for exterior use on stained or bare wood surfaces, but can also be used on interior wood surfaces. Excellent for doors, windows, interior or exterior wooden furniture, trim, bathroom cabinets, kitchen countertops and bar tops.

Helmsman Spar Urethane is not recommended for large, exterior surfaces where maintenance would be difficult, such as decks and siding. Slight ambering may be experienced when Helmsman Spar Urethane is applied over light colored stains or wood surfaces. Always spot test in an inconspicuous area to ensure satisfactory results.

Note: Helmsman is not recommended for use on floors. To protect floors, use Minwax® Super Fast-Drying Polyurethane for Floors or Minwax® Water Based Polyurethane for Floors.

SURFACE PREPARATION:

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Surfaces must be dry and free from lacquer, shellac, paint, wax, grease, stearates, and polishes. Sand wood to obtain a smooth, uniform surface. Remove all dust with a cloth dampened with mineral spirits. Old finishes in poor condition must be removed.

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.

APPLICATION NOTES:

1. If desired, apply stain, such as Minwax® Wood Finish™, to unfinished interior wood surfaces. Follow directions for application instructions and dry times.
 2. Stir well before and occasionally during use.
 3. Apply a thin coat of HELMSMAN® Spar Urethane using a high quality natural bristle brush. On unfinished wood, apply sufficient material to seal open joints, edges and end-grain.
 4. Let dry at least 4 hours, then sand entire surface lightly with very fine sandpaper (220 grit) to ensure an even finish and proper adhesion of additional coats.
 5. Apply second coat. If a third coat is desired, repeat Step 4 before applying. Note: For exterior surfaces or for previously unfinished wood, three coats are recommended.
- MINWAX® Technical Data Sheet MINWAX® HELMSMAN SPAR URETHANE
6. After final coat, allow 24 hours before normal use.

Read all label directions and cautions carefully before use.

Coverage: Approximately 125 sq. ft. per quart

DRY TIME: At least 4 hours between coats and at least 24 hours before light use after final coat.

Note: Dry times are based on good ventilation, temperature of 77°F and 50% relative humidity. Lower temperature, higher humidity, lack of air movement or application of thick coats will extend drying times. Always test surface for tackiness between coats

MAINTENANCE: Clean with Minwax Wood Cleaner, or gentle soap and water. When used for exterior applications, maintain by lightly sanding and adding an additional coat(s) as conditions require.

CLEANUP/STORAGE: Use mineral spirits, paint thinner. Rags and other waste soaked with oil finished may ignite if improperly discarded. Place rags and waste immediately after use in a sealed, water filled, metal container. Dispose of in accordance with local fire regulations. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Do not store near heat, sparks, open flames or other source of ignition. Close container after each use. Store in original container. KEEP OUT OF REACH OF CHILDREN.

SAFETY: *Read all label directions and cautions carefully before use*.

WARNING! COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.

CAUTIONS: Extinguishing Media and Fire Fighting Procedures: To extinguish fire, use carbon dioxide, dry chemical, alcohol foam and water fog. Use self-contained breathing apparatus with full-face piece operated in pressure demand mode. When burning, this product gives off toxic by-product such as carbon monoxide; therefore, the breathing of smoke and gases given off during burning should be avoided. Do not mix with strong oxidizing agents. Control Measures: If adequate ventilation cannot be maintained, use respiratory protection (NIOSH/MSHA TC23C or equivalent). Use rubber, neoprene or vinyl gloves and safety glasses or a face shield. Handling/Disposal: DANGER: KEEP OUT OF REACH OF CHILDREN. Combustible. Do not store near heat, sparks, open flames or other sources of ignition. Keep out of surface waters. Dispose

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of

in accordance with local, state and federal regulations. FIRST AID: If swallowed: DO NOT induce vomit- ing. Call a physician immediately. If splashed on skin: Immediately wash with plenty of soap and water. If irritation persists, get medical attention. If affected by inhalation: Move to fresh air. If symptoms persist, get medical attention.

MINWAX® Technical Data Sheet MINWAX® HELMSMAN SPAR URETHANE

PHYSICAL PROPERTIES: Testing method: Solvent: Odor: Luster (@60): Mineral spirits Mild hydrocarbon Satin 20% - 30%

ASTM D 523-85 (60)

No. of coats: Semi-Gloss 52% - 62% Clear Gloss 90% min. 3 unfinished wood, 2 finished wood ASTM D 523-85 (60) ASTM D 523-85 (60) Dry-time: Recoat: 6 hours; Final coat: 24 hours (light use) (77 degrees F, 50%RH) ASTM D 1640-83 & Gardner Circular

Dry film thickness: Flash point: Applicator:

VOC (max): Coverage (sq. ft./gal.):

% Solids: 1 mil/coat

>101 Fahrenheit Brush

450 g/L

400

50.9 +/- .50

SETAFLASH* ASTM D 3960 ASTM D 2369-86

180 – 290 cps ASTM D 2196-86

(Brookfield @ 77 F, #2 spindle @ 50 RPM

Specific gravity: .886 - .902 ASTM D 1475-85

*Closed cup; SETAFLASH is a registered trademark of Stanhope-Seta Limited.

12/06

108.04A

PREPRITE® PROBLOCK® Interior/Exterior Latex Primer/Sealer B51-600 Series

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108.04A

PREPRITE® PROBLOCK® Interior/Exterior Latex Primer/Sealer B51-600 Series

SURFACE PREPARATION

Plaster - Must be cured, usually 30 days, and hard. If painting cannot wait, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer. Soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with water and allow to dry before painting.

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

Tile, laminate, ceramic and plastic tiles, and similar glossy surfaces, must be free of all oil, grease, and soap residue. Do not use this product in areas subject to excessive water, e.g.: in showers, around sinks, on counter tops.

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

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

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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. 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. Air and surface temperatures must not drop below 35°F for 48 hours after application.

Do not reduce for stain blocking.

No reduction necessary. Brush - Use a nylon/polyester brush. Roller - Use a 3/8" nap soft woven roller cover.

Spray—Airless Pressure2000 psi Tip.....015"-.021"

Tips-General Priming: PrepRite ProBlock Latex Primer/Sealer can be topcoated in 1 hour in non-stain blocking applications.

On hard, slick, glossy, or otherwise hard to paint surfaces, after preparing the surface, apply a test area of this primer, allow to dry properly and test for adhesion. When used as a primer under wallcovering. After wallcovering has been applied and the adhesive has dried and cured, wait at least 21 days before removing the wallcovering to avoid damage to the drywall.

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 Protect from freezing..

Before using, carefully read CAUTIONS on label. HOTW 02/22/2017 B51W00620 18 00 KOR, SP

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.

101.11a

SUPERPAINT® Interior Latex Satin A87W01150 Hi-Refl White A87W01151 Extra White A87W01153 Deep Base A87T01154 Ultradeep Base

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101.11a

SUPERPAINT® Interior Latex Satin A87W01150 Hi-Refl White A87W01151 Extra White A87W01153 Deep Base A87T01154 Ultradeep Base

SURFACE PREPARATION

Plaster

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.

Wood

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

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.

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Caulking

Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface. APPLICATION

Apply at temperatures above 50°F. No reduction needed.

Brush

Use a nylon/polyester brush.

Roller

Use a 3/8" - 3/4" nap synthetic cover. Spray—Airless Pressure..... 2000 psi

Tip017"-.021"

CLEANUP INFORMATION

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

CAUTIONS For interior use only. Protect from freezing. Non-photochemically reactive.

Before using, carefully read CAUTIONS on label.

HOTW 11/16/2016 A87W01151 16 26 KOR, FRC, SP, VIET

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 or SDS.

Section B:

REQUEST COMMODITY CODE(S):

630-00 910-54 914-61 929-67

Section C:

DEPARTMENT INFO / DELIVERY ADDRESS, ETC:

If you require a guided tour, please call:

Travis Delashmet

Facilities Maintenance Superintendent

Community Services Department

280 Riverside Circle – Naples, FL 34102

tdelashmet@naplesgov.com | www.naplesgov.com

PHONE: 239-213-7114 | FAX: 239-213-7130

When submitting this form, please read Section H of this document.

Section D:

SPECIAL CONDITIONS:

- Award:** An award, if any, will be made to the lowest responsive and responsible vendor capable of providing the product and/or service.
- Price:** Will remain firm for the contract period. Annual Agreement pricing will remain the same for the contract period with four 1-year renewal options upon mutual agreement between the CITY and the VENDOR. The pricing schedule shall be inclusive of any freight, transportation, handling, delivery, surcharges, or any other incidental charges. The pricing shall be exclusive of any Federal or State taxes, as the City of Naples is exempt from payment of such taxes, unless otherwise stated in this solicitation. The City will not be obligated to pay any sales tax, and the overall pricing

Company Name: _____

Authorized Signature: _____

schedule shall be completed accordingly.

3. **Payment:** Shall be made after satisfactory completion of the delivery or work.
4. **Respondents:** Before submitting a FWQ, respondent shall become fully informed as to the extent and character of the product and/or work and shall carry all required license(s) of the City, County, State and Federal Government if applicable. It is understood by the respondent that the submission of a FWQ is agreement with all conditions referred to herein.
5. **IRS Form:** Submit signed IRS W-9 form. Latest version (November 2017)..
6. **Insurance:** Shall be provided by Awarded Vendor prior to the start of work.
7. **References:** City reserves the right to request references with whom your company has provided stated products and/or services within the last 2 years.
8. **Submittal:** Submit all pages of the FWQ with Vendor name and signature.
9. **Other:** All products and/or materials shall be new, and shall be warranted against any defects in materials and workmanship. This period of manufacturer's warranty shall begin to run at the time the item or materials are received, inspected, and accepted by a representative of the City.

Section E:

Store front doors and windows do not get painted. No vine removal to occur contractor is to paint around them the best they can.

LIST OF DOCUMENTS TO BE SUBMITTED BY VENDOR:

1. A copy of your License for Painting Contractor or General Contractor.
2. Proof of a minimum of three (3) years' experience in painting, in commercial application.
3. A list of at least three (3) commercial references within the past three (3) years, with contact information for each.
4. This document with Section F: Pricing Schedule filled out and Section I, filled out and signed.

FWQ No. 19-036 - Norris Center Painting - Facilities Maintenance

Section F: Pricing Schedule

Item No.	DESCRIPTION	QTY	UNIT OF MEASURE	UNIT COST	LINE ITEM COST
1	General Conditions; mobilization / lift rental / scaffolding, etc.	1	LS		\$0.00
2	Pressure Wash Building 3000 PSI	1	LS		\$0.00
3	Prep and Paint Hand rails	1	LS		\$0.00
4	Prep and Paint Stucco/wood/ Doors (Hollow metal only) / Fascia- includes primer and finish coat	1	LS		\$0.00
5	TOTAL PRICE FOR ITEMS 1 THRU 4	1	EA		\$0.00
TOTAL FWQ COST:					\$0.00

The quantities above are estimated and are used for price comparisons only.

Company Name: _____

Authorized Signature: _____

Section G: Payment Options

<p>This solicitation has potential for P-Card payment. Does your company accept credit card payment? <input type="checkbox"/> YES <input type="checkbox"/> NO If "yes," please indicate payment options on the chart below.</p>			
PAYMENT OPTIONS	YES	NO	PERCENTAGE AND/OR TERMS FOR EARLY PAYMENT
Is there a discount for a credit card payment?			
Is there an additional charge for credit card payment?			
Discount for early payment?			
Prompt payment terms: _____ % _____ Days; Net 30 Days			

Section H: (FWQ) Formal Written Quote Submission Information

FWQ'S ARE DUE ON/BEFORE 2:00 PM, 4-10-19

Minimum time frame To Due Date

- **Delivery FWQ to:** City of Naples; Purchasing Division; 735 8th Street S.; Naples, FL 34102
- **Email To:** purchasing@naplesgov.com
- **Fax to:** (239) 213-7100
- **Questions:** Email preferred. Contact: Danielle Gilbert at (239) 213-7100 / dgilbert@naplesgov.com

Section I: Vendor / Respondent Information

Company Representative Signature: _____

Printed Name and Title: _____

Company Name: _____ FEI/EIN Number: _____

Full Address: _____

Telephone: _____ Email: _____

Company Name: _____

Authorized Signature: _____

PURCHASE ORDER TERMS AND CONDITONS

1. **Description of Goods; Sale and Delivery.** Seller shall sell, transfer, and deliver to Buyer the goods described on this Purchase Order.
2. **Acceptance of Goods.** Acceptance of the goods shall not be deemed to have been made until both Buyer and Seller have agreed that the goods in question are to be appropriate to the performance of this Agreement.
3. **Rate and Time of Payment.** Unless otherwise specified, Buyer shall make payment to Seller for the goods as provided for in Florida Statute Section 218.70 known as the Florida Prompt Payment Act after the goods are received and accepted by Buyer.
4. **Receipt of Goods.** The goods shall be deemed received by Buyer when delivered and inspected, and accepted at the delivery address as stated on the front of this Purchase Order.
5. **Risk of Loss.** The risk of loss from any casualty to the goods, regardless of the cause, shall be on Seller up to the time of receipt of the goods by Buyer at the place of delivery, but only after any proper inspection has been completed without rejection of the goods.
6. **Warranty Against Encumbrances.** Seller warrants that the goods are now free, and at the time of delivery shall be free, from any security interest or other lien or encumbrance.
7. **Warranty of Title.** Seller warrants that the Seller neither knows, nor has reason to know, of the existence of any outstanding title or claim of title hostile to the rights of Seller in the goods.
9. **Product Warranty.** Seller provides general warranties of fitness and general warranties that the goods are free from defects, for 1 year from acceptance of the goods, except as may otherwise be set forth in the Description/Proposal, or other attached warranty.
10. **Right of Inspection.** Buyer shall have the right to inspect the goods at the time and place of delivery, and within 5 business days after delivery, Buyer must give notice to Seller of any claim for damages on account of the condition, quality, or grade of the goods, and Buyer must specify in detail the basis of such claim.
11. **Procedure as to Rejected Goods.** On receipt of notification of rejection, Seller will immediately arrange to receive back the goods for shipment and return. However, within 5 days, Seller may have an agent inspect such goods for nonconformity; otherwise, such inspection will be made on return to Seller's storage facility. When such goods are confirmed or acquiesced in as nonconforming, Seller will ship conforming goods within 30 days of the notice of rejection unless Buyer earlier notifies Seller to forgo such shipment.
12. **Governing Law.** The parties acknowledge that the transaction that is the subject matter of this Agreement bears a reasonable relation to the State of Florida and agree that the law of the State of Florida will govern their rights and duties. The parties specifically intend that the provisions of Article 2 of the Florida Uniform Commercial Code will control as to all aspects of this Purchase Order and its interpretation, and that all the definitions contained therein will be applicable to this Purchase Order except where this Purchase Order may expressly provide otherwise.
13. **Bid Documents.** If this Purchase Order is the result of an Invitation to Bid, or Request for Proposals the terms and conditions of the Bid or Proposal Documents shall apply.
14. **Notices and Address of Record.** All notices required or made pursuant to this Purchase Order to be given by Seller to Buyer shall be in writing and shall be delivered to the following:

Company Name: _____

Authorized Signature: _____