ST. AUGUSTINE • ST. JOHNS COUNTY
AIRPORT AUTHORITY

INVITATION TO QUOTE

Labor & Materials
Exterior Painting of Six (6) Buildings

RESPONSE CUT-OFF DATE

October 11, 2019

St. Augustine – St. Johns County Airport Authority
4796 US 1 N
Saint Augustine, Florida 32095

NOTICE TO PROPOSERS

The St. Augustine – St. Johns County Airport Authority will accept quotes from qualified vendors for the provision of Labor and Materials required to Paint the Exteriors of Six Buildings.

- Interested vendors are required to submit a quote on the form provided.
- Submitted quotes should be clearly marked "Exterior Painting" and must be delivered in person or electronically via email.
- All Quotes must be received prior to Close of Business (4:30pm), October 11, 2019.

IF BY MAIL (or other method) –

St. Augustine – St. Johns County Airport Authority
4796 US Highway 1 , North
St. Augustine, Florida 32095
(904) 209-0090

IF BY EMAIL – ckh@SGJ-airport.com

Please Note:

- Quotes received after close of business on October 11, 2019 may not be considered.
- Proposers may not contact any Airport Authority member or employee other than as designated herein relative to this solicitation.
- The Airport Authority reserves the right to accept or reject any or all quotes, waive minor formalities, and to award in any manner that best serves it's interests.
- The Airport Authority also reserves the right to award the some or all of the work quoted in any combination.
- The Authority is not responsible for errors commited by the vendor in the preparation of a quote, to include, mathematical, estimates of quantity or interpretation of methodology required.
- All quotes should be tabulated, totaled and checked for accuracy. Unit price will prevail in case of errors.
- Any alterations, erasures, additions or omissions of required information or any changes of specifications or quoting schedule is done at risk of the Proposers.

PROPOSER QUALIFICATIONS

The minimum qualifications and experience required of vendors submitting quotes are, as follows:

- Must be licensed in the State of Florida and St. Johns County (if applicable to trade)
- Provide Proof of Insurance prior to Start of Work
- Provide Contractor Bonds for Performance and Payment prior to Start of Work. Bond Capability must meet or exceed the vendor's quote.
- Have facilities, manuals, technical specifications, qualified technicians and any necessary personnel or materials to support the the proposed work.
- Proposer may not subcontract any portion of the work solicited.

TIME TO COMPLETE WORK

All work associated with this solicitation must be competed within sixty (60) days of Notice to Proceed from the Airport Authority.

QUESTIONS PERTAINING TO PERFORMANCE STANDARDS

Any and all questions shall be directed to:

- Kevin Harvey, Airport Operations Manager

  IF BY EMAIL – KCH@SGJ-airport.com

  IF BY PHONE – (904) 209-0090

  Please Note – The deadline for all questions shall be 4:30 p.m., Monday, October 7, 2019. Questions presented after that time will not be considered. All questions and their corresponding Airport Authority response may be subject to disclosure to all individuals or businesses who have provided the Airport Authority with their respective contact information.

SITE VISIT & PROJECT UNDERSTANDING

Contact the Airport Authority to schedule a site visit.

- Kevin Harvey, Airport Operations Manager

  IF BY EMAIL – KCH@SGJ-airport.com

  IF BY PHONE – (904) 209-0090

The Careful examination of SCOPE of WORK and a complete understanding to the site, required or necessisary means and methods related to this solicitation is your responsibility. The estimated building footprint (square footage) given is for the purpose of quoting only. You are responsible for the measurement of all areas covered by this solicitation.

CONTRACT & PAYMENT TERMS

Payment terms are net thirty (30) days unless otherwise specified.

If more favorable terms or discounts are offered and deemed relevant by the Airport Authority, consideration may be given to same in determining the winning quote.

LOCATION OF WORK

The following is a list of buildings covered by this solicitation. There are six (6) individual building as a part of the scope of work, as follows:

Building	Address	Name	Approx Bldg Footprint
1)	4796 US 1 N	Administration Office	3,560sf Building
2)	4900 US 1 N	FBO Flightline Operation	700sf Building
3)	4900 US 1 N	FBO Offices	1,000sf Building
4)	4900 US 1 N	General Aviation Building to include Restaurant	7,100sf Building
5)	4900 US 1 N	Tenant Building B	6,400sf Building
6)	4900 US 1 N	Sales Office Building (PGA Office)	720sf Building

SCOPE OF WORK

The project consists of the preparation and painting of six (6) building EXTERIORS ONLY owned by the Airport Authority.

The following specifications and requirements shall apply to this solicitation. Vendor shall comply with all manufacturer specifications with regard to tint, method of application of product, suitability of product, conditions of application, storage, preparation, cure, clean-up and disposal:

- **ALL SURFACES –**
  - Shall be cleaned, scraped, sanded, sealed, primed or otherwise properly prepared as needed prior to paint application.
  - Pressure Clean all exterior walls, trim, windows/doors, gutters and drop edges using the required solution of bleach, detergent, and PSI to remove dirt, mildew and surface contaminates.
  - All surfaces shall be scraped and sanded to a sound surface to remove all loose or peeling paint, caulk or fillers as needed.
  - All cracks, trim, windows and doors shall be caulked and puttied, as needed by removing all loose and deteriorated sealant, cleaning joints, then re-caulking with either a 35-year acrylic exterior grade caulk or a one-part urethane sealant.

- **MASONRY –**
  - Cracks and voids in masonry shall be filled or patched with 100% acrylic brush grade Elastomeric patching material. *(Sherwin Williams – "Concrete & Masonry Smooth and Textured Elastomeric Patches" 112.74 or equivalent.)*
  - Deteriorated Stucco shall be removed and re-surfaced as needed with a high strength mortar and applied to match existing texture.
  - Apply one (1) coat of masonry sealer/conditioner to all exterior areas to insure proper adhesion to include all wood, metal and other substrates. *(Sherwin Williams – Loxon - "Concrete & Masonry Primer/Sealer Interior/Exterior Latex" 108.36 or equivalent.)*
  - Apply two (2) coats of Super Paint to all masonry wall areas. *(Sherwin Williams - "SuperPaint – Exterior Latex Satin" 102.10 or equivalent.)*

- **METAL –**
  - Apply one (1) coat of rust inhibiting primer to metal framing over entry/exit ways & window. *(Uniflex – Rust Inhibitive Metal Primer" 34-520 or equivalent.)*
  - Apply 2 coats of Industrial Enamel to all metal doors, drip eave, window trim & previously painted metal trim areas. *(Sherwin Williams - "Industrial Enamel" 125.03 or equivalent.)*

- Apply two (2) coats of Multi-Surface Acrylic to metal framing where needed. *(Sherwin Williams – Pro Industrial "Multi Surface Acrylic" 113.04 or equivalent.)*

- **FINISHES, PAINTS & COATINGS –**

  - Colors and textures to be determined by Airport Authority prior to ordering.

  - All Products shall meet or exceed the following Manufacturer Specification Sheets. Vendors are NOT limited to the attached branding of materials. Vendors may substitute other manufacturer's materials in whole or in part; provided that specifications are met.

QUOTE FORM

Building	Address	Name	Building Quote ($)
1)	4796 US 1 N	Administration Office	$ _____.___
2)	4900 US 1 N	FBO Line Shack	$ _____.___
3)	4900 US 1 N	FBO Offices	$ _____.___
4)	4900 US 1 N	General Aviation Building to include Restaurant	$ _____.___
5)	4900 US 1 N	Tenant Building B	$ _____.___
6)	4900 US 1 N	Sales Office Building (PGA Office)	$ _____.___

TOTAL QUOTE (All Buildings): $ _____.___

COMPANY: _____

ADDRESS: _____

_____

_____

Is Proposer a MINORITY or WOMAN OWNED BUSINESS: Yes or No (Please Circle as Appropriate)

FEDERAL TAX ID # or SSN: _____

I certify that the services presented in the above quote meets or exceeds the St. Augustine – St. Johns County Airport Authority specifications and that I, the undersigned Proposer, declare that I have carefully examined the specifications, terms and conditions of this quote and I am thoroughly familiar with it's provisions and quality and type of coverage called for and quote herein. The undersigned further declares that he/she has not divulged, discussed or compared his quote with any other Proposers and has not colluded with any other Proposers or parties to a quote whatsoever for any fraudulent purpose.

SIGNATURE: _____

NAME: _____
(Typed or Printed)

TITLE: _____

DATE: _____

TELEPHONE #: _____

FAX #: _____

EMAIL ADDRESS: _____

Please Note – Failure of the Proposers to sign the quote or have the signature of any authorized representative or agent on the quote form in the space provided may be cause for rejection of the quote. Signature must be written in ink. Typewritten or printed signatures will not be acceptable.

112.74
Concrete & Masonry Smooth and Textured Elastomeric Patches

SHERWIN WILLIAMS.

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

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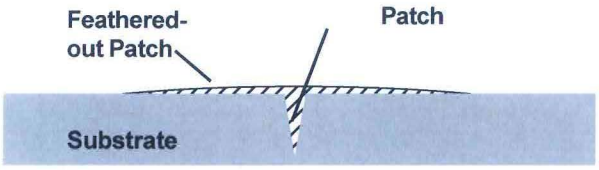
Concrete & Masonry Smooth and Textured Elastomeric Patches

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.



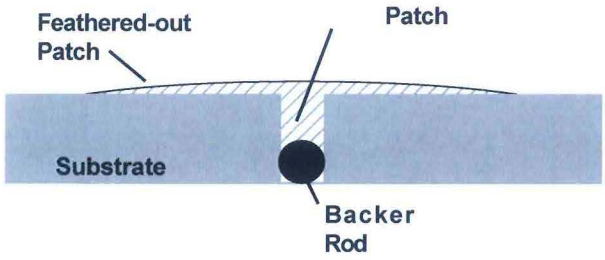
Large Openings and Cracks - from 1/16" to 3/8" wide

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.

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 ft^2 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.

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SHERWIN WILLIAMS.

108.36

LOXON®

Concrete & Masonry Primer/Sealer
Interior/Exterior Latex
A24W8300

SURFACE PREPARATION

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.

Caulking
Fill gaps between windows, doors, trim, and other through-wall openings with the appropriate caulk after priming the surface.

APPLICATION

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

Do not paint in direct sun or on a hot surface.
May be applied to damp but not to wet surfaces.

Brush
Use a nylon/polyester brush
Roller
Use a 1/2" to 1-1/2" nap synthetic cover

Airless Spray
Pressure..... 2000-2700 psi
Tip..... .019"

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 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.
Non-photochemically reactive.

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.**
HOTW 12/22/2014 A24W08300 33 44

KOR, SP, FR, Viet

102.10

SuperPaint®
Exterior Latex Satin

A89-100/1000 Series

SHERWIN WILLIAMS.

CHARACTERISTICS

SuperPaint Exterior, with resistance to early dirt pick up, provides 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™ paint colors allow you the freedom to choose from 100 color options, including a limited selection of darker colors formulated to resist warping or buckling when applied to a sound, stable vinyl substrate.

Color: Most colors
To optimize hide and color development, always use the recommended P-Shade primer
Coverage: 350 - 400 sq ft/gal @ 4 mils wet; 1.5 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
Finish: 10-20 units @ 60°

Tinting with CCE:

Base	oz/gal	Strength
Extra White	0-6	SherColor
Deep Base	4-12	SherColor
Ultradeep Base	10-12	SherColor
Light Yellow	2-12	SherColor

Extra White A89W01151
(may vary by base)
VOC (less exempt solvents): <50 g/L; <0.42 lb/gal
As per 40 CFR 59.406
Volume Solids: 38 ± 2%
Weight Solids: 49 ± 2%
Weight per Gallon: 10.19 lb
Flash Point: N/A
Vehicle Type: 100% Acrylic
Shelf Life: 36 months unopened
WVP Perms (US) 26.14
grains/(hr ft^2 in Hg)

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

COMPLIANCE

As of 05/29/2019, Complies with:

OTC	Yes
OTC Phase II	Yes
SCAQMD	Yes
CARB	Yes
CARB SCM 2007	Yes
Canada	Yes
LEED® v4&v4.1 Emissons	N/A
LEED® v4&v4.1 VOC	Yes
EPD-Certified	N/A
MIR-Certified	N/A
MPI	Yes

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
Tip ..... .015"-.019"

SPECIFICATIONS

SuperPaint Exterior can be self-priming when used directly over existing coatings, or bare drywall, plaster and masonry (with a cured pH of less than 9). 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 Siding[1], Galvanized Steel[1], Vinyl Siding
2 cts. SuperPaint Exterior Latex
Concrete Block, CMU, Split face Block
1 ct. Loxon Acrylic Block Surfacer
2 cts. SuperPaint Exterior Latex
Brick
1 ct. Loxon Conditioner[2]
2 cts. SuperPaint Exterior Latex
Cement Composition Siding/Panels
1 ct. Loxon Concrete & Masonry Primer[2]
or Loxon Conditioner[2]
2 cts. SuperPaint Exterior Latex
Stucco, Cement, Concrete
1 ct. Loxon Concrete & Masonry Primer[2]
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 Primer[2]
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.

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SuperPaint®
Exterior Latex Satin

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, wire brush, or other abrading method.

Caulking
Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.

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 9, prime with Loxon Concrete & Masonry Primer.

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.

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 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.

CAUTIONS

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

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

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. 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.**

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CLEANUP INFORMATION

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

UNIFLEX®
Fluid Applied Roofing Systems

RUST INHIBITIVE METAL PRIMER
34-520 RED

PRODUCT DESCRIPTION

Uniflex® Rust Inhibitive Metal Primer combines tough, rust inhibiting zinc-chromate with zinc-oxide, red iron oxide and alkyd resin to provide superior corrosion resistance. This product meets Federal Specification TT-P-636D.

GENERAL USES

For metal, including iron and steel, where corrosion is a problem. Provides excellent adhesion base for Uniflex Elastomeric Base Coats and Finish Coats.

PACKAGING INFORMATION

SKU	SIZE
KST034520-27	55 gallon drum
KST034520-20	5 gallon pail

APPLICATION EQUIPMENT

Airless Spray

- Hydraulic pump with minimum pressure of 2,600 psi
- Spray tip: Reversible, self-cleaning tip without diffuser pin.
- Size .025" with a fan angle of 40° (ex. 425)
- Hose Size: May exceed 300' total hose length, use 1/2' ID grounded fluid hose.
- General: The longer the hose, the smaller the tip orifice size.

Brush

- Soft Brushes or a ¾" to 1" nap roller may be used.

May require multiple coats to achieve proper coverage.

WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Color fade is not covered under warranty.

PRODUCT CHARACTERISTICS

Color	Red
Vehicle Base	Alkyd
Weight per Gallon	11.2 lbs
Solid by Weight	70 ± 2%
Solid by Volume	50 ± 2%
Viscosity @ 77°F	75-85 KU
Dry Film Thickness (@ 1 gal/250 sq. ft less surface absorption)	3.2 mils
Dry Time	
Exposure	4 hours
Between coats	4 hours
Must be topcoated	Within 90 days
Drying Time is temperature, humidity and film thickness dependent	
VOC	< 400 g/L
Specific Gravity	1.347
Flash Point (closed cup)	101°F min.
Solvent	Mineral Spirits
Clean Up	Mineral Spirits

MINIMUM COVERAGE RATE PER SUBSTRATE

Metal	**250 ft/gallon**

APPLICATION CONDITIONS

Do not apply below 50°F (10°C) or when rain is forecast. Applications during periods of low temperature or high humidity (Maximum humidity level: 85%) will extend dry time. Allow 4 hours for coating to dry prior to being subjected to rain, heavy dew or temperatures below 50°F.

KEEP FROM FREEZING.

Surface must be power washed to remove dirt, loose paint and rust, excessive chalk, and other foreign matter which could prevent proper adhesion. Surface must be completely dry prior to coating.

IMPORTANT: Where ponding water conditions persist beyond 48 hours, roof drains or other corrective measures must be installed to eliminate water build-up prior to coating the roof.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of KST Coatings- A Business Unit 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 the publication. Consult your Uniflex Technical Representative to obtain the most recent Product Data Information.

If further information is needed, contact Uniflex Technical Service at
1-888-321-3539

101 Prospect Ave. NW

INDUSTRIAL ENAMEL

B54W00101 PURE WHITE
B54W00113 DEEP BASE
B54T00104 ULTRADEEP BASE
B54B00011 BLACK
B54E00039 SAFETY ORANGE
B54R00038 SAFETY RED
B54Y00037 SAFETY YELLOW

As of 07/25/2017, Complies with:			
OTC	No	LEED® 09 NC,.CI	No
OTC Phase II	No	LEED® 09 CS	No
SCAQMD	No	LEED® 09 S	No
CARB	No	LEED® v4 Emissions	No
CARB SCM 2007	No	LEED® v4 VOC	No
Canada	No	MPI	

CHARACTERISTICS

INDUSTRIAL ENAMEL is a medium oil/alkyd all-purpose enamel. Designed for interior and exterior use.

Features:
- Good exterior durability
- High gloss coating
- Excellent application properties
- Exterior/interior all-purpose enamel
- Suitable for use in USDA inspected facilities

For use on properly prepared:
- Steel
- Concrete
- Wood
- Plaster
- Primed aluminum & galvanized steel
- Previously painted

Recommended for use in:
- Interior / exterior
- New construction
- Railings/frames
- Machinery
- Structural steel
- Steel doors
- Steel supports
- Equipment
- Repaints
- Storage tanks
- Bar joists
- Pipe marking
- Fire escapes
- Conveyors

Tinting with BAC or Maxitoner:

Base	oz/gal	Strength
Pure White	0 - 5	SherColor
Deep Base	4 - 11	SherColor
Ultradeep Base	10 - 11	SherColor

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

Shelf Life: 36 months, unopened
Finish: 80°+@60° Gloss

Pure White B54W00101
(may vary by base)

VOC (less exempt solvents) 441 g/L - 3.68lb/gal (as per 40 CFR 59.406 and SOR/2009-264, s. 12)
Volume Solids: 43 ± 2%
Weight Solids: 58 ± 2%
Weight per Gallon: 8.78 lb/gal ± .2 lb
Flash Point: 101°F TCC

SPECIFICATIONS

Color: Pure White, Deep Base, Ultradeep Base, Black, Safety Red/Orange & Yellow
Recommended Spread Rate per coat: Pure White B54W00101 (varies by base)

	wet mils:	4.5 –9.0
	dry mils:	1.9 - 3.9
	coverage:	360- 175 sq ft/gal approximate
Theoretical coverage:	689 sq ft/gal @ 1 mil dry	

Drying Schedule @ 4.6 mils wet, 50% RH:

	@ 50°F/10°C	@ 77°F/25°C	@ 110°F/43°C
To touch:	3 hours	1-3hours	30 minutes
Tack free:	8 hours	4-6 hours	4 hours
To recoat:	12 hours	8 hours	3 hours
To cure:	7 days	7 days	3 days

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

RECOMMENDED SYSTEMS

Steel & Rusted Galvanized, acrylic primer:
1ct. Pro Industrial Pro-Cryl Primer
2cts. Industrial Enamel

Steel alkyd primer:
1ct. Kem Bond HS
Or
1ct. Kem Kromik Universal Metal Primer
2cts. Industrial Enamel

Aluminum/Galvanized waterbased primer:
1ct. DTM Wash Primer
2cts. Industrial Enamel

Concrete Block:
1ct. Pro Industrial Heavy Duty Block Filler
2cts. Industrial Enamel

Plaster & Poured Concrete Walls, Interior:
1ct. Loxon Concrete and Masonry Primer
2cts. Industrial Enamel

Wood, Exterior:
1ct. Exterior Oil-Based Wood Primer
2cts. Industrial Enamel

Wood, Interior:
1ct. Premium Wall & Wood Primer
2cts. Industrial Enamel

Wood, floors:
2cts. Industrial Enamel

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

System: (unless otherwise indicated)
Substrate: Steel
Surface Preparation: SSPC-SP6/NACE 3
Finish: 1ct. Kem Kromik Universal Metal Primer,@ 3.0 –4.0 mils dft/ct.
1ct. Industrial Enamel, B54W00101 @ 3.0 mils dft/ct.
*unless otherwise noted below

Abrasion Resistance[1]:
Method: ASTM D4060,CS17 wheel 500 cycles 1 kg load
Results: 58 mg loss

Dry Heat Resistance:
Method: ASTM D2485
Result: 200°F (discolors)

Flexibility:
Method: ASTM D522, 180° bend, 3/16" mandrel
Result: Pass

Fineness of grind[2]:
Method: Hegman
Result: 6 Hegman minimum

Pencil Hardness:
Method: ASTM D3363
Result: 3B

Sag Test[2]:
Method: ASTM D4400
Result: 6 mils minimum

Viscosity[2]: 77-83 KU

[1] *1ct. Industrial Enamel, B54W00101 2.8 mils* [2] *Standard test based on Certificate of Analysis*

continued on back

INDUSTRIAL ENAMEL

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.

Iron & Steel- Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils). Prime any bare steel within 8 hours or before flash rusting occurs.

Aluminum - Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. Primer required.
Galvanized Steel - Remove all oil, grease, dirt, oxide and other foreign material by Solvent Cleaning per SSPC-SP1. When 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 Block - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Pro Industrial Heavy Duty Block Filler or Loxon Block Surfacer. The filler must be thoroughly dry before topcoating.
Masonry - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F(23.9°C). Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. 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 alkali resistant primer, following label recommendations. Primer required.

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.

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.
Other substrates may or may not be appropriate. If a specific substrate is not listed above, consult your Sherwin-Williams representative for more information.

APPLICATION PROCEDURES

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. Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness, or porosity of the surface, skill, and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, over thinning, climatic conditions, and excessive film build.

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

Mix paint thoroughly to a uniform consistency with slow speed power agitation prior to use.
Stripe coat crevices, welds, and sharp angles to prevent early failure in these areas.
When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.
Deep tinted colors may exhibit burnishing characteristics.
Do not use colorants formulated for interior use only when applying exterior.

APPLICATION

Refer to the SDS sheet before use

Temperature:	40°F(4.5°C) minimum
	120°F(49°C) 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	Not recommended
Clean Up	Compliant Mineral Spirits

Airless Spray

Pressure	2500 psi
Hose	1/4" ID
Tip	.015"
Filter	100 mesh

Conventional Spray

Gun	Binks 95
Fluid Nozzle	66
Air Nozzle	63PB
Atomization Pressure	50 PSI
Fluid Pressure	20-25 PSI

Brush ..... Natural Bristle

Roll.... .3/8" woven with solvent resistant core

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

CLEANUP INFORMATION

Clean spills, spatters & tools with compliant cleanup solvent. After cleaning, flush spray equipment with 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.

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HOTW	07/25/2017	B54W00113	12 443
HOTW	07/25/2017	B54T00104	33 444

SHERWIN WILLIAMS.

PRO INDUSTRIAL™

113.04A

MULTI-SURFACE ACRYLIC

B66-1500 SERIES GLOSS
B66-1550 SERIES SEMI-GLOSS
B66-1560 SERIES EG-SHEL

As of 10/15/2018, Complies with:			
OTC	Yes	LEED® 09 NC CI	Yes
OTC Phase II	Yes	LEED® 09 CS	Yes
SCAQMD	Yes	LEED® v4 Emissons	No
CARB	Yes	LEED® v4 VOC	Yes
CARB SCM 2007	Yes		
Canada	Yes	MPI Gloss & Eg-Shel	Yes

PRODUCT DESCRIPTION

Pro Industrial Multi-Surface Acrylic is a waterborne acrylic for interior and exterior use on marginally prepared metal or masonry surfaces. Features multiple sheens, fast dry, easy application and dry fall properties.

- Self-priming directly to multiple surfaces
- Excellent one-coat hide and stain blocking
- Excellent adhesion to slick and glossy surfaces
- Abrasion resistant
- Optimized for spray application
- Good exterior color and gloss retention
- Dries fast and dry falls in 10-15 feet
- Suitable for use in USDA inspected facilities

PRODUCT CHARACTERISTICS

Color: most colors

Extra White B66W01501
(may vary by base)

Recommended Spread Rate per coat:

Wet mils:	3.75 - 6.0
Dry mils:	1.5 - 2.5
Coverage:	263 - 435 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.

Finish: 10-20@85° Eg-Shel
35-45@60° Semi-Gloss
70+@60° Gloss

Tinting with CCE:

Base	oz/gal	Strength
Extra White	0-6	Sher-Color
Ultradeep	10-14	Sher-Color

Tinting will affect the dryfall characteristics

SPECIFICATIONS

Extra White:	B66W01501	B66W01551 (may vary by color)	B66W01561
VOC (less exempt solvents):	<50 g/L; <0.42 lb/gal As per 40 CFR 59.406		
Volume Solids:	41 ± 2%	38 ± 2%	39 ± 2%
Weight Solids:	52 ± 2%	50 ± 2%	51 ± 2%
Weight per Gallon:	10.31 lb/gal ± 2%	10.25 lb/gal ± 2%	10.39 lb/gal ± 2%
Flash Point:	N/A	N/A	N/A
Vehicle Type:	Acrylic	Acrylic	Acrylic
Shelf Life:	24 months	24 months	24 months

Drying Schedule @ 5.0 mils wet, 50% RH:

	@ 50°F	@ 77°F	@ 110°F
To touch:	1 hr	30 min	15 min
To handle:	2 hrs	1 hr	30 min
To recoat:	4 hrs	2 hrs	1 hr
Dryfall:	10-15 ft.	10 ft.	10 ft.

Drying, and recoat times are temperature, humidity, and film thickness dependent. Dry fall characteristics will be affected at temperatures below 77°F(25°C) or above 50% RH.

RECOMMENDED SYSTEMS

Steel:
2 cts. Pro Industrial Multi-Surface Acrylic

Galvanizing:
2 cts. Pro Industrial Multi-Surface Acrylic

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

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

Aluminum:
2 cts. Pro Industrial Multi-Surface Acrylic

Concrete/Masonry:
2 cts. Pro Industrial Multi-Surface Acrylic

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

System Tested: (unless otherwise indicated)

Substrate:	Steel
Surface Preparation:	SSPC-SP10
Finish:	2 ct. Pro Industrial Multi-Surface Acrylic, B66W01501 6 mils WFT, 2.5 mils DFT per coat

Abrasion Resistance
Method: ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load
Result: 28.1 mg loss

Adhesion
Method: ASTM D4541,
Result: >1100 psi

Direct Impact Resistance:
Method: ASTM D2794
Result: 36 in. lb

Dry Heat Resistance:
Method: ASTM D2485
Result: 300°F

Flexibility:
Method: ASTM D522, 180° bend, 1/8" mandrel
Result: Passes

Pencil Hardness:
Method: ASTM D3363
Result: 4H

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PRO INDUSTRIAL
MULTI-SURFACE ACRYLIC

SHERWIN-WILLIAMS.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (**NIOSH** approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Do not use hydrocarbon solvents for cleaning.

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

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

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

Concrete Block - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 55°F (13°C) before filling. Use Heavy Duty Block Filler or Loxon Block Surfacer. The filler must be thoroughly dry before topcoating.

Masonry - All masonry must be free of dirt, oil, grease, loose paint, mortar, masonry dust, etc. Clean per SSPC-SP13/Nace 6/ ICRI No. 310.2R, CSP 1-3. Poured, troweled, or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75°F. Form release compounds and curing membranes must be removed by brush blasting. Brick must be allowed to weather for one year prior to surface preparation and painting. Prime the area the same day as cleaned. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

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. 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.

Overspray landing on hot surfaces may adhere to these surfaces. Immediately remove overspray from hot surfaces before adhesion occurs.

Dry fall characteristics will be affected by tinting and at temperatures below 77°F(25°C) or above 50% RH.

SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label and refer to the Safety Data Sheets (SDSs) 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.

Do not paint on wet surfaces.

Check adhesion by applying a test strip to determine the readiness for painting.

APPLICATION

Temperature: 50°F minimum
100°F maximum
(Air, surface, and material)
At least 5°F above dew point

Relative humidity: 85% maximum

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

Reducer: Water

Airless Spray

Pressure ..... 2000 psi
Hose ..... 1/4" ID
Tip ..... .013" - .017"
Filter ..... 60 mesh
Reduction ..... Not recommended

Conventional Spray

Gun ..... Binks 95
Fluid Nozzle 63C
Air Nozzle 63FB
Atomization Pressure ..... 60 PSI
Fluid Pressure ..... 50 PSI
Reduction ..... Not recommended

Brush ..... Nylon / polyester
Reduction ..... Not recommended
Due to this product's fast dry performance, brushing should be limited to small areas where a wet edge can be maintained

Roller ..... 1/4" woven
Reduction ..... Not recommended

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

CLEANUP INFORMATION

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

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HOTW	10/15/2018	B66W01561	10 44

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