



CITY OF MOUNT DORA

Parks and Recreation
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681

E-mail: publicarts@cityofmoundora.com

PUBLIC ARTS COMMISSION MEETING
City Hall Board Room, 510 N. Baker Street, Mount Dora, FL 32757
July 25, 2023 at 3:30 PM

AGENDA

- I. Call to Order
- II. Roll Call
- III. Approval of Minutes
 - A. May 23, 2023 Public Arts Commission Meeting Minutes
- IV. Public Comment
- V. Presentations
- VI. Action Items
 - A. Call to Artists for Concrete Steps at Sunset Park
 - B. Call to Artists for Asphalt Crosswalk at Cauley Lott Park
- VII. Discussion Items
- VIII. City Staff
 - A. Staff Update
- IX. Communications and Reports
 - A. Commission Member John Wesner
 - B. Commission Member Maryann McNamara
 - C. Commission Member Keashawn "Kay" Volmar
 - D. Vice-chair Harlow Middleton
 - E. Chair Thomas Decker
- X. Future Meeting Dates
 - A. September 26, 2023, 3:30 p.m.
 - B. November 28, 2023, 3:30 p.m.

XI. Adjournment

NOTICE: Please note that, for purposes of Section 286.011, Florida Statutes, two or more members of the City Council may be present at this meeting, and this meeting may be considered a City Council meeting.

NOTICE: If any person decides to appeal any decisions at this meeting with respect to any matter considered, such person may need a record of these proceedings. For such purpose, a person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

NOTICE: In accordance with the Americans with Disabilities Act (“ADA”) and Florida Statutes, Section 286.26, persons with disabilities needing a reasonable accommodation to participate in a public hearing or meeting should contact the City of Mount Dora’s ADA Coordinator at least 48 hours prior to the proceeding. The ADA Coordinator may be contacted by phone at 352-735-7126, ext. 1111, or by email at clerk@cityofmounddora.com.

If hearing impaired, telephone the Florida Relay Service numbers (800) 955-8771 (TDD) or (800) 955- 8770 (Voice) for assistance.



CITY OF MOUNT DORA

Leisure Services
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681
E-mail: parksandrec@cityofmountdora.com

DATE: July 25, 2023

TO: Public Arts Commission Members

FROM: Troy Shonk, Director of Parks and Recreation

SUBJECT: May 23, 2023 Public Arts Commission Meeting Minutes

Introduction:

This is a request for the Public Arts Commission to approve meeting minutes.

Discussion:

Administrative staff prepare minutes and present them to the Commission as an opportunity to make suggestions or corrections prior to final approval.

Budget Impact:

N/A

Strategic Impact:

Detailed minutes ensure that Commission meetings are well documented and votes are recorded for the public record.

Recommendation Commission approve minutes as transcribed.

Attachment(s):

1. 5.23.2023 PAC Minutes_ADA

Prepared by: Jennifer Schwarz, Operations Manager
Reviewed by: carsonc carsonc, Special Events Manager

Final Approval - 7/12/2023

**CITY OF
MOUNT DORA, FLORIDA
PUBLIC ARTS
COMMISSION
MINUTES**



**May 23, 2023
City Hall
510 N. Baker St.
Mount Dora, FL 32757**

Call to Order

Having been duly advertised as required by law, Chairman, Thomas Decker called to order the April 4, 2023, Public Arts Commission meeting at 3:30 P.M. in the City Hall Council Chambers.

Roll Call

Members Present

Harlow Middleton, Mayoral Appointee
John Wesner, District 1
Thomas Decker, District 2
Maryann McNamara, District 4
Rebecca Owen, At-Large
Jane Slivka, District 3
Keashawn "Kay" Volmar, District 5

Also Present

Troy Shonk, Parks & Recreation Director
Chris Carson, Cultural and Special Events Manager
Jennifer Schwarz, Operations Manager

Mr. Chris Carson introduced Commissioner Jane Slivka and Rebecca Owen to the board. Each member took a moment to briefly introduce themselves.

Approval of Minutes

A. April 4, 2023 Public Arts Commission Meeting Minutes

Motion by Commissioner Harlow to approve the April 4, 2023 Public Arts Commission Meeting minutes; Commissioner Kay Volmer seconded the motion. Motion Approved by all members.

Public Comment

Lindsey Perreault - Leesburg, FL - Mrs. Perreault is the drama teacher at Mount Dora High school. She expressed her love for the City of Mount Dora. She introduced the board to the drama program at the school. They strive to provide theatrical programs for their students. "Our goals: a safe, uplifting, educational environment for the students to learn. The strength of those character traits of bravery and vulnerability, while also pushing forth endurance, grit and perseverance." Mrs. Perreault informed the board that the drama program is hoping to do 3 productions next year.

Janet Gamache - Mount Dora, Center of the Arts - Announced the Center of the Arts is collaborating with MDPD and the City of Mount Dora to provide a free art camp at the MLK Center this summer on Wednesday from 11am-3pm. Also, they assisted 3 artists with developing applications to apply for a \$5,000 grant. She informed the commission that she went to the Florida Association of Public Art Professionals Conference last week, that it is a week long, occurs annually and that it is an extremely educational experience that she feels would benefit the individuals on the board.

Christine King- Harris - Mount Dora, FL, - Spoke about wanting the special events to be more of a collaboration, instead of the NECRA events being solely in and for the NECRA.

Presentations

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Action Items

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Resolutions

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Ordinances

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Discussion Items

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- A. Possible Projects
 - * Cauley Lott Park Crosswalk
 - * Downtown Utility Wall Mural
 - * Martin Luther King Center Mural

Mr. Chris Carson, reviewed the three projects previously discussed, the Cauley Lott Park Crosswalk Downtown Utility Wall Mural and the Martin Luther King Center Mural. He informed the board that the Wall Mural is planned to be demolished due to the installation of underground utilities, removing it as a possible art project. He reviewed the information he collected in a meeting with Sherwin Williams in regard to possibly completing the Cauley Lott Park Crosswalk, cost and color options, which are very limited. Mr. Carson suggested possibly having a workshop to discuss and determine what project should be completed.

Director Shonk advised that the board has \$9,000 left in the budget to spend before October 1st and advised them to come to a conclusion about a project to do with that budget. He also informed the board that the City Attorney advised that it is possible to complete a mural on a private building, but that it is a process. He advised that they would need to start the process immediately.

Susan Grogan, a member of the public, suggested the board look into the option of utilizing glass or ceramic tiles on the Donnelly Park staircase instead of utilizing paint. Commissioner Decker advised that it would not be cost efficient to use glass tile, but painted stairs would fit within the budget.

Commissioner Volmer said she would like to vote for the stairs at Donnelly Park and the Crosswalk. She also would like a mural that individuals could interact with. She suggested a hash tag, that would bring attention to the City of Mount Dora online.

Chair Decker stated he has no interest in completing the mural at the Marin Luther King Center if a grant was not received to cover the cost of it.

B. Budget Update & FY 23/24 Projects

Director Troy Shonk reviewed the budget for the 23/24 fiscal year. He shared that the Cottages on Eleventh will give the board \$1,000 for each lot is sold and that there is a one time donation \$27,000.

City Staff

A. Staff Update
* Public Arts Master Plan

Communications and Reports

- A. Commission Member John Wesner
- B. Commission Member Maryann McNamara
- C. Commission Member Keashawn "Kay" Volmer
- D. Vice-chair Harlow Middleton
- E. Chair Thomas Decker

Future Meeting Dates

- A. July 25, 2023, 3:30 p.m.
- B. September 26, 2023, 3:30 p.m.
- C. November 28, 2023, 3:30 p.m.

Adjournment

Motion to Adjourn by Commissioner McNamara; Seconded by Commissioner Slivka.

The meeting adjourned at approximately 4:54 p.m.

Mr. Thomas Decker
Chairperson

Mrs. Amanda Ferguson
Administrative Assistant



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E-mail: parksandrec@cityofmoundora.com

DATE: July 25, 2023

TO: Public Arts Commission Members

FROM: Troy Shonk, Director of Parks and Recreation

SUBJECT: Call to Artists for Concrete Steps at Sunset Park

Introduction:

This is an opportunity for Commissioners to approve the Call to Artists for Concrete Steps at Sunset Park

Discussion:

The Step Up to Art program is recognized for harnessing community input and involvement in the creation of public art on the Ohio Avenue Steps between the neighborhoods of Mount Auburn and Clifton Heights in Cincinnati, Ohio. As part of the Public Arts Advisory Committee meeting conducted on May 23, 2023, committee members agreed to pursue a similar program to add art on the steps at Sunset Park. City staff had met with Sherwin Williams to inquire about recommended products for application purposes. Sherwin William was able to provide sufficient information to be utilized as a guide for a Call to Artists.

At this time, the City recommends Commissioners to review and approve the Call to Artists for the Art on Concrete Steps program for the designated area of Sunset Park.

Budget Impact:

There is currently \$9,093 remaining in the Public Arts budget in GL # 001-1340-572.31-00.

Strategic Impact:

Inviting local artists to participate in a concrete steps art program while creating active participation from members of the Mount Dora artist community. While enhancing the character of Sunset Park, the steps will promote public art in the downtown.

Recommendation

Commissioners approve the Concrete Steps Art Call to Artists.

Attachment(s):

1. Call to Artists Painted Steps at Sunset Park
2. Concrete Step Paint Spec

Prepared by: carsonc carsonc, Special Events Manager
Reviewed by: carsonc carsonc, Special Events Manager
Troy Shonk, Parks & Recreation Director

Approved - 7/13/2023
Final Approval - 7/14/2023

Call to Artists

Steps Art 2023



SUBMISSION DEADLINE

August 25, 2023 at 5 PM

The City of Mount Dora Public Arts Commission, in support of its mission to encourage creativity, education, and appreciation of the arts, is seeking proposals from local artists for artwork to paint the steps located at Sunset Park. The artist would be awarded a stipend of \$1,000 and a \$500 supplies budget. Please refer to the following:

PROJECT GOALS

The goal of the painted steps is an opportunity to utilize art to help promote the park's identity. It will also encourage walking and physical activity, which will improve public health. We hope the designated Sunset Park steps area will serve as a pilot project for the improvement of other stairways that are part of the city's pedestrian transportation network, and that the implementation of art on these stairs will enhance the downtown area's existing outdoor public art. This will increase connectivity between neighborhoods of various socio-economic demographics, and create new public spaces, which, in turn, will help us to shape a more integrated and equitable future for our city.

DESIGN & THEMES

We are seeking a design that focuses on Sunset Park and the immediate area of while recognizing the history associated within the downtown. The design should cover (6) steps total consisting of:

- (5) five steps with the dimensions of 18" x 116" with 4" in step up height
- (1) one step being the top step being 22" x 116"

EVALUATION CRITERIA

Artists' proposals will be evaluated based on:

- Artistic Merit
- Community Impact
- Quality and Uniqueness of Design
- Aesthetic appropriate for all ages viewing.
- The design speaks to the attractiveness of Mount Dora and the visual theme of Sunset Park.
- Meets design specifications.

PROJECT SCOPE

Installation

- The art steps must be installed using high quality materials recommended by Sherwin Williams Paints. The step's finished design must be able to withstand Florida weather conditions and appropriate for painting on concrete. Mural must be able to withstand walking and withstand weathering conditions.

- Due to the closure of the steps, the artist(s) will have one day to install their artworks.
- A Parks Staff member with the City of Mount Dora will be available on the day of installation to assist as needed.

Maintenance

- Steps art is intended to be temporary, lasting on average for 3-4 years. Pending funding, steps art will be repainted as needed, through future Calls to Artists hosted by the City of Mount Dora in collaboration with the Mount Dora Public Arts Commission.

SELECTION PROCESS

The Public Arts Commission will oversee the peer-reviewed selection process. As in all competitions, the City reserves the right to revise the project parameters as needed, accept a proposal with modifications, or to reject all proposals if no consensus is reached on final selection.

The selection panel will review each applicant's proposal based on the above mentioned "evaluation criteria".

ELIGIBILITY

- This project is open to artists or artist teams who reside in and do their artistic work in Mount Dora or directly surrounding areas.
- Artist must submit a W9 before payment will be rendered.
- Project must incorporate elements from the local area and imagery representing East Town.
- Experience in the painting of concrete within public areas is strongly recommended.

DESIGN REQUIREMENTS

Be creative; be colorful; be inclusive; and be positive. If you have not already, do some research and spend some time in the downtown and park area to get a clearer idea of what artwork would be uniquely fitted for the community.

Avoid the following

- Images or words that could be create public safety visual or physical hazards.
- Brand names, for-profit imagery, and references to political campaigns.
- Anything that may be perceived as hurtful or harmful.
- Colors or shapes that could confuse people with visual impairments.

Small details are not encouraged. The overall appearance is to bring awareness to art with the steps, not to be overly intricate. Artwork must be uniquely created on your own; Reproductions of someone else's artwork are not eligible. All artwork designs submitted become the property of the City of Mount Dora and to be used for marketing and storytelling purposes.

For Design Mock-up purposes, please submit in a JPEG or PDF file format in a high enough resolution to clearly see the artwork imagery. Applicants are encouraged to create two mock-ups of the design. One from an aerial perspective (without foreshortening or skewing), as well as a mock-up

of the design with the surrounding park setting.

How to Enter

SUBMIT – The completed art design – at the correct size and/or dimensions along with entrant's Legal name, phone number, address, and email address.

A completed proposal will include the following:

- Installation process (install can take no longer than 1 day).
- Materials and equipment to be used.
- Budget breakdown.
- A mockup, to scale, of your steps design.

Submit online at: <https://ci.mount-dora.fl.us/FormCenter/Leisure-Services-18/PUBLIC-ARTS-COMMISSION-CALL-TO-ARTISTS-2-102>

Dates and Schedule

Contest opens July 31, 2023

Submission deadline: August 25, 2023, 5 p.m.

Artist Selection and Notification: August 29, 2023

Location Below: Sunset Park @ 230 W. 4th Avenue, Mount Dora





SHERWIN-WILLIAMS®

Product Submittal

Concrete Step Paint

MOUNT DORA*CITY OF

Presented By:

Justo Rosado

SALES- Sales Representative PC Multi-Segment

(352) 638-0571

justo.a.rosado@sherwin.com

SHERWIN-WILLIAMS

2126 S BAY ST

EUSTIS, FL 32726 6357

(352) 589-0121

May 22, 2023



SHERWIN-WILLIAMS®

Product Submittal

Project: Concrete Step Paint
Customer: MOUNT DORA*CITY OF
PO BOX 176, MOUNT DORA, FL, 327560176

Dear Christopher Carson:

Thank you for considering Sherwin-Williams products for the Concrete Step Paint project. Included in this package is the Sherwin-Williams submittal for the above referenced project.

Should you require assistance or have any questions or concerns, please contact me at (352) 638-0571 or e-mail me at justo.a.rosado@sherwin.com.

Justo Rosado

SALES- Sales Representative PC Multi- Segment

(352) 638-0571

justo.a.rosado@sherwin.com

SHERWIN-WILLIAMS

2126 S BAY ST, EUSTIS, FL 32726 6357



MOUNT DORA *CITY OF
Concrete Step Paint
May 22, 2023

Exterior Finishes

Concrete

2 Coats: 10.114014 - H&C COLORTOP SB SLR TINTBASE WHITE GAL

Thinner: .01183557 - Reducer - Xylene

Notes: For clean up



SHERWIN-WILLIAMS.

Basic Surface Preparation

Coating performance is directly affected by surface preparation. Coating integrity and service life will be reduced because of improperly prepared surfaces. As high as 80% of all coating failures can be directly attributed to inadequate surface preparation that affects coating adhesion. Proper product selection, surface preparation, and application affect coating performance. Coating integrity and service life will be reduced because of improperly prepared surfaces. Selection and implementation of proper surface preparation ensures coating adhesion to the substrate and prolongs the service life of the coating system.

The majority of paintable surfaces are concrete, ferrous metal, galvanizing, wood and aluminum. They all require protection to keep them from deteriorating in aggressive environments. Selection of the proper method for surface preparation depends on the substrate, the environment, the coating selected, and the expected service life of the coating system. Economics, surface contamination, and the effect on the substrate will also influence the selection of surface preparation methods. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Verify the existence of lead based paints on the project. Buildings constructed after 1978 are less likely to contain lead based paints. If lead based paints are suspected on the project, all removal must be done in accordance with the EPA Renovation, Repair and Painting and all applicable state and local regulations. State and local regulations may be more strict than those set under the federal regulations. Verify that Owner has completed a Hazardous Material Assessment Report for the project prior to issuing of Drawings. Concluding that no lead based paints were found on project site, delete paragraph regarding lead based paints.

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. Removal must be done in accordance with EPA Renovation, Repair and Painting Rule and all related state and local regulations. Care should be taken to follow all state and local regulations which may be more strict than those set under the federal RRP Rule.

No exterior painting should be done immediately after a rain, during foggy weather, when rain is predicted, or when the temperature is below 50°F, unless the products to be used are designed to be used in those environments.

Aluminum – S-W 1: Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP1, Solvent Cleaning.

Block (Cinder and Concrete) – S-W 3: Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement, and hardeners. Concrete and mortar must be cured at least 28 days at 75°F. The pH of the surface should be between 6 and 9. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary to prepare the surface. Fill bug holes, air pockets, and other voids with a cement patching compound (per ASTM D4261).

Brick – S-W 4: Must be free of dirt, loose and excess mortar, and foreign material. All brick should be allowed to weather for at least one year followed by wire brushing to remove efflorescence. Treat the bare brick with one coat of Loxon Conditioner.

Concrete and Masonry – Concrete, Poured – Exterior or Interior – S-W 5: The preparation of new concrete surfaces is as important as the surface preparation of steel. The following precautions will help assure maximum performance of the coating system and satisfactory coating adhesion:

1. Cure – Concrete must be cured prior to coating. Cured is generally defined as concrete poured and aged at a material temperature of at least 75°F for at least 28 days unless specified products are designed for earlier application.

2. Moisture – Reference ASTM F1869-98 Moisture Test by use of Calcium Chloride or ASTM D4263 Plastic Sheet Method. Concrete must be free from moisture as much as possible (it seldom falls below 15%). Vapor pressures, temperature, humidity, differentials, and hydrostatic pressures can cause coatings to prematurely fail. The source of moisture, if present, must be located, and the cause corrected prior to coating.

3. Temperature – Air, surface and material temperatures must be in keeping with requirements for the selected product during and after coating application, until coating is cured.

4. Contamination – Remove all grease, dirt, paint, oil, laitance, efflorescence, loose mortar, and cement by the recommendations listed in the surface preparation section.

5. Surface Condition – Hollow areas, bug holes, voids, honeycombs, fin form marks, and all protrusions or rough edges are to be ground or stoned to provide a continuous surface of suitable texture for proper adhesion of the coating. Imperfections may require filling, as specified, with a recommended Sherwin-Williams product.

6. Concrete Treatment – Hardeners, sealers, form release agents, curing compounds, and other concrete treatments should be removed to ensure adequate coating adhesion and performance.

Methods of Surface Preparation on Concrete per SSPC-SP13/NACE 6 or ICRI 03732 Surface Cleaning Methods: Vacuum cleaning, air blast cleaning, and water cleaning per ASTM D4258.

Used to remove dirt, loose material, and/or dust from concrete.

Detergent water cleaning and steam cleaning per ASTM D4258.

Used to remove oils and grease from concrete. Prior to abrasive cleaning, and after abrasive cleaning, surfaces should be cleaned by one of the methods described above.

Mechanical Surface Preparation Methods:

Dry abrasive blasting, wet abrasive blasting, vacuum assisted abrasive blasting, and centrifugal shot abrasive blasting per ASTM D4259. Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.

High-pressure water cleaning or water jetting per SSPC-SP12-NACE5.

Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.

Impact tool methods per ASTM D4259.

Used to remove existing coatings, laitance, and weak concrete. Methods include scarifying, planing, scabbling, and rotary peening. Impact tools may fracture concrete surfaces or cause microcracking requiring surface repair.

Power tool methods per ASTM D4259.

Used to remove existing coatings, laitance, weak concrete, and protrusions in concrete. Methods include circular grinding, sanding, and wire brushing. These methods may not produce the required surface profile to ensure adequate adhesion of subsequent coatings.

Chemical Surface Preparation Methods:

Acid etching per ASTM D4260. Use to remove some surface contaminants, laitance, and weak concrete, and to provide a surface profile on horizontal concrete surfaces. This method requires complete removal of all reaction products and pH testing to ensure neutralization of the acid. Not recommended for vertical surfaces. Etching with hydrochloric acid shall not be used where corrosion of metal in the concrete is likely to occur. Adequate ventilation and safety equipment required.

1. Clean surface per ASTM D4268
2. Wet surface with clean water
3. Etch with 10-15% muriatic acid solution at the rate of 1 gallon per 75 square feet
4. Scrub with stiff brush
5. Allow sufficient time for scrubbing and until bubbling stops
6. If no bubbling occurs, surface is contaminated. Refer to ASTM D4258 or ASTM D4259
7. Rinse surface two or three times. Remove acid/water each time.
8. Surface should have a texture similar to medium grit sandpaper.
9. Neutralize surface with a 3% solution of tri-sodium phosphate and flush with clean water.
10. Allow to dry and check for excess moisture.

Cement Composition Siding/Panels – S-W 6: Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Pressure clean, if needed, with a minimum of 2100 psi pressure to 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, many times the pH may be 10 or higher.

Composition Board (Hardboard) – S-W 9: Some composition boards may exude a waxy material that must be removed with a solvent prior to coating. Whether factory primed or unprimed, exterior composition board siding (hardboard) must be cleaned thoroughly and primed with an alkyl primer.

Copper – S-W 7: Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP2, Hand Tool Cleaning.

Drywall—Interior and Exterior – S-W 8: 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.

Galvanized Metal – S-W 10: Allow to weather a minimum of 6 months prior to coating. Clean per SSPC-SP1 using detergent and water or a degreasing cleaner, then prime as required. 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 area, priming as required. Allow the coating to dry at least one week before testing. If adhesion is poor, Brush Blast per SSPC-SP16 is necessary to remove these treatments.

Plaster – S-W 11: Must be allowed to dry thoroughly for at least 30 days before painting. Room must be ventilated while drying; in cold, damp weather, rooms must be heated. Damaged areas must be repaired with an appropriate patching material. 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.

Steel/Ferrous Metal Substrates

SSPC-SP1- 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. Follow manufacturer's safety recommendations when using solvents. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.1. (Refer to each products cleaning instructions. Many acrylic coatings will state; When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse. **Do not use hydrocarbon solvents for cleaning.**)

SSPC-SP2 - Hand Tool Cleaning: Hand Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.2.

SSPC-SP3 - Power Tool Cleaning: Power Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.3.

SSPC-SP5 / NACE 1 - White Metal Blast Cleaning: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP5/ NACE No.1.

SSPC-SP6 / NACE 3 - Commercial Blast Cleaning: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 33 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE No.3.

SSPC-SP7 / NACE 4 - Brush-Off Blast Cleaning: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose paint. Tightly adherent mill scale, rust, and paint may remain on the surface. Mill scale, rust, and coating are considered adherent if they cannot be removed by lifting with a dull putty knife. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP7/NACE No.4.

SSPC-SP10 / NACE 2 - Near-White Blast Cleaning: A Near White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPCSP10/ NACE No.2.

SSPC-SP11 - Power Tool Cleaning to Bare Metal: Metallic surfaces that are prepared according to this specification, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxide corrosion products, and other foreign matter. Slight residues of rust and paint may be left in the lower portions of pits if the original surface is pitted. Prior to power tool surface preparation, remove visible deposits of oil or grease by any of the methods specified in SSPC-SP 1, Solvent Cleaning, or other agreed upon methods. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.11.

SSPC-SP12 / NACE 5 - Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating: High- and Ultra-High Pressure Water Jetting for Steel and Other Hard Materials This standard provides requirements for the use of high- and ultra-high pressure water jetting to achieve various degrees of surface cleanliness. This standard is limited in scope to the use of water only, without the addition of solid particles in the stream. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP12/NACE No.5.

SSPC-SP13 / NACE 6 or ICRI 03732 - Surface Preparation of Concrete: This standard gives requirements for surface preparation of concrete by mechanical, chemical, or thermal methods prior to the application of bonded protective coating or lining systems. The requirements of this standard are applicable to all types of cementitious surfaces including cast-in-place concrete floors and walls, precast slabs, masonry walls and shotcrete surfaces. An acceptable prepared concrete surface should be free of contaminants, laitance, loosely adhering concrete, and dust, and should provide a dry, sound, uniform substrate suitable for the application of protective coating or lining systems. Depending upon the desired finish and system, a block filler may be required. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP13/NACE No.6 or ICRI 03732

SSPC-SP14 / NACE 8 – Industrial Blast Cleaning: This standard gives requirements for industrial blast cleaning of unpainted or painted steel surfaces by the use of abrasives. This joint standard allows defined quantities of mill scale and/or old coating to remain on the surface. An industrial blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dust, and dirt. Traces of tightly adherent mill scale, rust, and coating residue are permitted to remain on 10% of each unit area of the surface. The traces of mill scale, rust, and coating shall be considered tightly adherent if they cannot be lifted with a dull putty knife. Shadows, streaks, and discolorations caused by stains of rust, stains of mill scale, and stains of previously applied coating may be present on the remainder of the surface.

SSPC-SP16 Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals: This standard covers the requirements for brush-off blast cleaning of uncoated or coated metal surfaces other than carbon steel by the use of abrasives. These requirements include visual verification of the end condition of the surface and materials and procedures necessary to achieve and verify the end condition. A brush-off blast cleaned non-ferrous metal surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, metal oxides (corrosion products), and other foreign matter. Intact, tightly adherent coating is permitted to remain. A coating is considered tightly adherent if it cannot be removed by lifting with a dull putty knife.

High- and Ultra-High Pressure Water Jetting for Steel and Other Hard Materials:

SSPC-SP WJ-1/NACE WJ-1: Clean to Bare Substrate (WJ-1) is intended to be similar to the degree of surface cleanliness of SSPC-SP 5/NACE 1, except that stains are permitted to remain on the surface. This standard is used when the objective is to remove every trace of rust and other corrosion products, coating and mill scale.

SSPC-SP WJ-2/NACE WJ-2: Very Thorough Cleaning (WJ-2) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to remove almost all rust and other corrosion products, coating, and mill scale.

SSPC-SP WJ-3/NACE WJ-3: Thorough Cleaning (WJ-3) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to remove much of the rust and other corrosion products, coating, and mill scale, leaving tightly adherent thin films.

SSPC-SP WJ-4/NACE WJ-4: Light Cleaning (WJ-4) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to allow as much of the tightly adherent rust and other corrosion products, coating, and mill scale to remain as possible. Discoloration of the surface may be present.

Water Blasting NACE Standard RP-01-72: Removal of oil grease dirt, loose rust, loose mill scale, and loose paint by water at pressures of 2,000 to 2,500 psi at a flow of 4 to 14 gallons per minute.

Stucco S-W 22 : 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.

Wood—Exterior – S-W 23: 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. Caulk should be applied after priming.

Wood—Interior – S-W 24: All finishing lumber and flooring must be stored in dry, warm rooms to prevent absorption of moisture, shrinkage, and roughening of the wood. All surfaces must be sanded smooth, with the grain, never across it. Surface blemishes must be corrected and the area cleaned of dust before coating.

Vinyl Siding, Architectural Plastics, PVC & Fiberglass: – S-W 24: 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. Do not paint vinyl with a color having a Light Reflective Value (LRV) of less than 56 unless VinylSafe® Colors are used. If VinylSafe® Colors are not used and darker colors lower than an LRV of 56 are, 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.

Previously Coated Surfaces – S-W 12: 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 per ASTM D4259.

Touch-Up, Maintenance and Repair

For a protective coating system to provide maximum long-term protection, regularly scheduled maintenance is required. Maintenance includes inspection of painted areas, cleaning of surfaces to remove oils, chemicals, and other contaminants, and touch-up of areas where the coatings have been damaged. Highly corrosive areas, such as those subjected to frequent chemical spillage, corrosive fumes, and/or high abrasion or temperature areas should be inspected frequently – every six months, for example. Areas exposed to less severe conditions, such as interiors and exteriors of potable water tanks, may be inspected annually to assess the condition of the coating system.

The SSPC-VIS 2, Standard Method for Evaluating Degree of Rusting on Painted Steel Surfaces, can be used as a guide to determine appropriate touch-up and repairs maintenance schedules. Touch-up would be suggested when the surface resembles Rust Grade 5-S (Spot Rusting), 6-G (General Rusting), or 6-P (Pinpoint Rusting). Surface preparation would generally consist of SSPC-SP2, SP3, SP11, or SP12. Overcoating a well protected, but aged steel surface showing no evidence of rusting, may be achieved by Low Pressure Water Cleaning per SSPC-SP12/WJ4, and applying an appropriate coating system.

Full removal of the existing coating system by abrasive blasting would be recommended when the surface resembles Rust Grade 3-S (Spot Rusting), 4-G (General Rusting), or 4-P (Pinpoint Rusting). When the coating system has deteriorated to encompass approximately 33% of the surface area, it is always more economical to consider full removal and reapplication of the appropriate protective coating system.

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

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



SHERWIN-WILLIAMS®

Reference Pages

Data Pages



H&C® COLORTOP™ SOLVENT-BASED SOLID COLOR CONCRETE SEALER



PRODUCT DESCRIPTION

H&C® COLORTOP™ Solvent-Based Solid Color Concrete Sealer is a solid color sealer designed to add deep penetrating protection and long-lasting beauty to exterior concrete. Available in a variety of pre-packaged and tintable colors. For interior surfaces, use H&C COLORTOP Water-Based Solid Color Concrete Stain.

** H&C COLORTOP Solvent-Based Solid Color Concrete Sealer is formerly known as H&C® Concrete Sealer Solid Color Solvent-Based.*

FEATURES & BENEFITS

- Protects and beautifies exterior concrete and masonry.
- Bonds with the surface for long lasting protection.
- Has a low film build to maintain architectural details
- Resists salt, acids, alkalis, water, ultraviolet light, oil, gasoline and hot tire marks.
- Packaged colors & tint bases
- No sealer required

RECOMMENDED USES

H&C COLORTOP Solvent-Based Solid Color Concrete Sealer is formulated for use on concrete and masonry exterior surfaces such as driveways, walkways, patios, athletic courts and more.

COVERAGE RATES

Substrate*	sq ft/gal
Concrete floors	200-250
Porous concrete	150-200
Concrete block	125-150
Split-faced block	100-125
Fluted block	75-100
Brick (clay)	100-150

*Coverage will vary depending on the porosity and texture of the substrate.

JOBSITE TEST SECTION

Due to the wide variety of substrates, preparation methods, application methods and environments, it is important to create a test sample.

LIMITATIONS

Do not use on asphalt or other areas sensitive to solvent attack.

Do not apply if rain is expected within 12 hours following application.

SURFACE PREPARATION

New Concrete: Allow new concrete to cure at least 28 days. Concrete surfaces should be able to absorb water. To test absorption, spray various sections of the surface to be stained with water. If the water does not absorb rapidly, then acid etch the surface using H&C® CONCRETEREADY® Etching Solution, following label instructions. After proper etching, the surface should feel like 120-grit sandpaper. If not, then etch again. Mechanical abrasion methods may be necessary to achieve proper profile. Do not apply the stain until all surfaces are porous. Allow all surfaces to dry at least 24 hours before staining. Prepared concrete must have a pH of 6 to 10.

Existing and Previously Painted Concrete: All concrete must be porous, clean, dry and free of grease, oil and other contaminants. To spot clean, use H&C CONCRETEREADY Cleaner Degreaser, following label directions. If mold, mildew, or fungus is present, kill and remove with a solution of 1 cup household bleach to 1 gallon of water. For best performance on previously painted surfaces apply H&C® Acryla-Deck® according to product instructions. Rinse away sanding dust before stain application.* **DO NOT ETCH PREVIOUSLY PAINTED SURFACES.** For garage floors, apply H&C® SHIELD-CRETE® Water-Based Epoxy Garage Floor Coating. On driveways, use H&C® Heavy Shield™ Water-Based Solid Color Concrete and Driveway Enamel/Stain.

***WARNING:** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. To avoid exposure to lead dust, wear proper protective equipment, such as a properly fitted respirator (NIOSH approved) and follow proper containment and cleanup procedures. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U.S.) or contact your local health authority.

Repair: For the best repair on vertical and horizontal concrete and masonry surfaces, use H&C CONCRETEREADY Quick Patch and Repair to fill low spots and spalled concrete. Please note that patching compounds will generally be visible through clear coatings.

TOOLS REQUIRED

- Synthetic bristle paint brush
- Synthetic roller cover (3/8 to 1/2-inch nap)
- Airless sprayer 2000 psi; tip .015 to .017 inch
- Eye Protection
- Respiratory Protection
- Gloves

NOTE: Back rolling is recommended after spraying.

APPLICATION INSTRUCTIONS

Apply H&C COLORTOP Solvent-Based Solid Color Concrete Sealer onto itself or bare, properly prepared, dry concrete surfaces only. Air, surface and material temperatures must be between 50° and 90° F and at least 5° F above the dew point during and for 24 hours after application. Do not apply H&C COLORTOP Solvent-Based Solid Color Concrete Sealer if rain is expected within 12 hours following application.

How to Apply: Apply with a brush, roller, or sprayer. Stir product thoroughly before and during application. When using more than one container, intermix all containers together to ensure color uniformity. Prior to applying the first coat, dry sweep the concrete with a stiff broom or shop vacuum to remove all loose surface contaminants.

First Coat: Apply first coat evenly, working in one direction. Allow to dry at least 4 hours before applying the second coat. Do not overwork the product. Brushing or back rolling over partially dried material may cause lifting of the coating from the surface.

Second Coat: For best coverage, apply the second coat perpendicular to the first coat. Two coats of H&C COLORTOP Solvent-Based Solid Color Concrete Sealer are usually sufficient.

SLIP RESISTANCE

Some surfaces such as inclined driveways, garages, steps and patios may require a slip-resistant additive for safety. Add H&C® SHARKGRIP® Slip-Resistant Additive to the final coat, following label directions. This product should not be used in place of a nonskid finish.

CLEANUP

Clean tools with H&C™ D-100 solvent, xylene or toluene. Follow solvent manufacturer's safety instructions. Use waterless hand cleaner to remove dried material from skin.

DISPOSAL

Follow your state or local regulations for disposal methods.

MAINTENANCE

Surfaces treated with H&C COLORTOP Solvent-Based Solid Color Concrete Sealer are easily cleaned using 3 parts water to 1 part H&C CONCRETEREADY Cleaner Degreaser.

PHYSICAL PROPERTIES

Typical Physical Properties and Characteristics		
Property	Test Method	Value
Dry Time (@ 77°F, 50% RH)	Dry-to-touch	15 minutes
	Light traffic and Recoat	4 hours
	Heavy traffic	72-96 hours
	Full cure	7-14 days
Flash Point	ASTM D93, PMCC	80°F
VOC	EPA Method 24	542 g/L; 4.52 b/gal*
Water-Vapor Transmission	ASTM D1653, Method A	0.6 grains/sq ft/hr 10.8 grams/sq m/24 hrs
Perm Rating	ASTM D1653	6.8 grains/(hr ft ² in Hg)
Water Repellency on Masonry	SS-W-110C, weight gain	0.1% on mortar cube 0.0% on concrete brick 0.0% on clay brick
Weatherometer	G23 F Type, 2000 hours	No failure
Wind-Driven Rain	TT-P-555B	No visible water leaks 0.0 oz. weight gain
Chemical Resistance (SA)		
Alkali	2% NaOH 5% Tide 2% Ivory Flakes	Slight dulling No effect No effect
Acid	5% Citric Acid 100% Milk 5% Hydrochloric Acid 5% Phosphoric Acid Mustard Ketchup	No effect Slight discoloring Slight discoloring No effect Slight stain No effect
Reflectivity (white base only)	ASTM C1549	81.5%
Sheen (Pigmented) Sheen (Clear)	ASTM D523	Satin Gloss
Volume Solids		
Solids by Weight	ASTM D2832	56% ± 2%*
Solids by Volume		34% ± 2%*
Weight per Gallon	ASTM D1475	9.85 lbs. ± 2%*

*May vary depending on color

Custom Tinting

Tint Load

Extra White Base 1's
Deep Base 1's

0-3 oz
3-6 oz

ORDERING INFORMATION

Extra White	Part Number/SMIS
1 gallon	10.114014-16/6507-11997
5 gallons	10.114015-20/6507-11427

Deep Base	Part Number/SMIS
1 gallon	10.106014-16/6507-11435
5 gallons	10.106015-20/6507-11443

Ultra Deep Base	Part Number/SMIS
1 gallon	10.117014-16/6512-57024
5 gallons	10.117015-20/6512-62735

Bombay	Part Number/SMIS
1 gallon	10.100054-16/6507-11211
5 gallons	10.100055-20/6507-11229

Sandstone	Part Number/SMIS
1 gallon	10.100124-16/6507-11336
5 gallons	10.100125-20/6507-11344

Autumn Brown	Part Number/SMIS
1 gallon	10.100034-16/6507-11195
5 gallons	10.100035-20/6507-11203

Tile Red	Part Number/SMIS
1 gallon	10.100164-16/6507-11393
5 gallons	10.100165-20/6507-11401

Terracotta	Part Number/SMIS
1 gallon	10.100154-16/6507-11377
5 gallons	10.100155-20/6507-11385

Patio Green	Part Number/SMIS
1 gallon	10.100104-16/6507-11294
5 gallons	10.100105-20/6507-11302

Pearl Gray	Part Number/SMIS
1 gallon	10.100114-16/6507-11310
5 gallons	10.100115-20/6507-11328

Gull Gray	Part Number/SMIS
1 gallon	10.100084-16/6507-11278
5 gallons	10.100085-20/6507-11286

Silver Gray	Part Number/SMIS
1 gallon	10.100144-16/6507-11351
5 gallons	10.100145-20/6507-11369

Black	Part Number/SMIS
1 gallon	10.100024-16/6507-11179
5 gallons	10.100025-20/6507-11187

Charcoal	Part Number/SMIS
1 gallon	10.100074-16/6507-11252
5 gallons	10.100075-20/6507-11260

CAUTION

CAUTIONS: CONTAINS XYLENE. Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. **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.**

LIMITED WARRANTY

This warranty is only valid when the product is applied and maintained according to product application and maintenance instructions to a properly prepared surface. If the product fails to perform in accordance with applicable product literature H&C shall either replace an equivalent quantity of product free of charge or refund the original purchase price. For a replacement or a refund, return the product to the place of purchase accompanied by the original proof of purchase. This warranty shall not apply to any defect, damage or product failure resulting from improper surface preparation, structural defects, environmental damage, failure of a previous product, deterioration or defect in the underlying substrate, or improper application and maintenance of the product. Your exclusive remedy is the replacement of product or refund and does not include labor or costs associated with the application or removal of any product. IN NO EVENT SHALL H&C BE LIABLE FOR ANY TYPE OF INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, PUNITIVE, OR INDIRECT DAMAGES WHETHER OR NOT PURCHASER IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL HAVE THE SAME DURATION AS THE ABOVE EXPRESS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts or limitations on incidental or consequential damages, so portions of the limitations above might not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

TECHNICAL SERVICES

The information and recommendations set forth in this product data sheet are based on tests conducted by or on behalf of H&C Products Group and 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 H&C or Sherwin-Williams representative to obtain the most recent product data sheet.

For technical assistance, call 1-800-867-8246 or visit www.hcconcrete.com.



CITY OF MOUNT DORA

Leisure Services
900 N. Donnelly St.
Mount Dora, FL 32757
352-735-7183
Fax: 352-735-3681

E-mail: parksandrec@cityofmountdora.com

DATE: July 25, 2023

TO: Public Arts Commission Members

FROM: Troy Shonk, Director of Parks and Recreation

SUBJECT: Call to Artists for Asphalt Crosswalk at Cauley Lott Park

Introduction:

This is an opportunity for Commissioners to approve a Call to Artists for the Crosswalk at Cauley Lott Park.

Discussion:

The City of Mount Dora has recently adopted a Public Art Master plan as recommended by the Public Arts Advisory Committee. As part of the Master Plan, projects such as cross walk art have been referenced as suggested public art installations. The Northeast Community has expressed interest in welcoming opportunities to add public art for the community to enjoy.

At this time, the City asks Commissioners to review and approve the Call to Artists pertaining to the installation of crosswalk art at the designated crosswalk area on Pine Avenue, adjacent to Cauley Lott Park.

Budget Impact:

The budgetary amount associated with the Call to Artist to install an artistic crosswalk to Cauley Lott Park is \$2,500. There is currently \$9,093 remaining in the Public Arts budget in GL # 001-1340-572.31-00.

Strategic Impact:

Inviting local artists to apply creative art in efforts to produce a crosswalk embraces the spirit and enriches the artistic character of the community.

Recommendation

Commissioners approve the Asphalt Crosswalk at Cauley Lott Park Call to Artists.

Attachment(s):

1. Call to Artists Painted Crosswalk
2. Asphalt Cross Walk Spec

Prepared by: Jeanann Hand, City Clerk
Reviewed by: carsonc carsonc, Special Events Manager
Troy Shonk, Parks & Recreation Director

Approved - 7/12/2023
Final Approval - 7/14/2023

Call to Artists

Painted Asphalt Crosswalk 2023



SUBMISSION DEADLINE

August 25, 2023 at 5 PM

The City of Mount Dora Public Arts Commission, in support of its mission to encourage creativity, education, and appreciation of the arts, is seeking proposals from local artists for artwork to paint the a crosswalk located at the intersection of Highland Street and Pine Avenue. The artist would be awarded a stipend of \$2,000 and a \$500 supplies budget. Please refer to the following:

PROJECT GOALS

- Creating visual interventions on roadways, pedestrian spaces and vertical infrastructure.
- Improving traffic safety adjacent to a community park.
- Increased opportunity for artistic outreach while increasing cultural awareness.
- Promoting community art and building collaboration and civic engagement.

DESIGN & THEMES

We are seeking a design that focuses on East Town while recognizing the history associated within the community. The design should be 6 ft. x 30 ft.

EVALUATION CRITERIA

Artists' proposals will be evaluated based on:

- Artistic Merit
- Community Impact
- Quality and Uniqueness of Design
- Aesthetic appropriate for all ages viewing.
- The design speaks to the attractiveness of the Mount Dora Community.
- Meets design specifications.

PROJECT SCOPE

Installation

- The crosswalk must be installed using high quality materials recommended by Sherwin Williams Paints. The crosswalk's finished design must be able to withstand Florida weather conditions and appropriate for painting on asphalt. Mural must be able to withstand walking on and driving over by the unsupervised public.
- Due to the road closure, the artist(s) will have one day to install their artworks.
- A Parks Staff member with the City of Mount Dora will be available on the day of installation to assist as needed.

Maintenance

- Crosswalk art intended to be temporary, lasting on average for 1-2 years. Pending funding, crosswalk art will be repainted as needed, through future Calls to Artists hosted by the City of Mount Dora in collaboration with the Mount Dora Public Arts Commission.

SELECTION PROCESS

The Public Arts Commission will oversee the peer-reviewed selection process. As in all competitions, the City reserves the right to revise the project parameters as needed, accept a proposal with modifications, or to reject all proposals if no consensus is reached on final selection.

The selection panel will review each applicant's proposal based on the above mentioned "evaluation criteria".

ELIGIBILITY

- This project is open to artists or artist teams who reside in and do their artistic work in Mount Dora or directly surrounding areas.
- Artist must submit a W9 before payment will be rendered.
- Project must incorporate elements from the local area and imagery representing East Town.
- Experience in the painting of asphalt, roadways, or sidewalks is strongly recommended.

DESIGN REQUIREMENTS

Be creative; be colorful; be inclusive; and be positive. If you have not already, do some research and spend some time in the East Town Community to get a clearer idea of what artwork would be uniquely fitted for the community.

Avoid the following

- Images or words that could be confused with crosswalks, stop markings, speed bumps, or other types of traffic control.
- Brand names, for-profit imagery, and references to political campaigns.
- Anything that may be perceived as hurtful or harmful.
- Colors or shapes that could confuse people with visual impairments.

Small details are not encouraged. The overall appearance is to bring awareness of the crosswalk, not to be overly intricate. The design may obliterate all of the traditional striping of the crosswalk, or it may incorporate the stripes in the design, but it must not break the white outside border of the crosswalk. Artwork must be uniquely created on your own; Reproductions of someone else's artwork are not eligible. All artwork designs submitted become the property of the City of Mount Dora and to be used for marketing and storytelling purposes.

For Design Mock-up purposes, please submit in a JPEG or PDF file format in a high enough resolution to clearly see the artwork imagery. Applicants are encouraged to create two mock-ups of the design. One from an aerial perspective (without foreshortening or skewing), as well as a mock-up of the design with the surrounding park setting.

How to Enter

SUBMIT – The completed crosswalk design – at the correct size and/or dimensions along with entrant's Legal name, phone number, address, and email address.

A completed proposal will include the following:

- Installation process (install can take no longer than 1 day).
- Materials and equipment to be used.
- Budget breakdown.
- A mockup, to scale, of your crosswalk design.

Submit online at: <https://ci.mount-dora.fl.us/FormCenter/Leisure-Services-18/PUBLIC-ARTS-COMMISSION-CALL-TO-ARTISTS-2-102>

Dates and Schedule

Contest opens July 31, 2023

Submission deadline: August 25, 2023, 5 p.m.

Artist Selection and Notification: August 29, 2023

Location Below: Cauley Lott Park @ 1717 N. Highland Street, Mount Dora



AREA MAP

Legend
Aerial2019
RGB
Red: Band_1
Green: Band_2
Blue: Band_3

Map Date: 7/7/2023





SHERWIN-WILLIAMS®

Product Submittal

Asphalt Cross Walk

MOUNT DORA*CITY OF

Presented By:
Justo Rosado
SALES- Sales Representative PC Multi-Segment

(352) 638-0571
justo.a.rosado@sherwin.com

SHERWIN-WILLIAMS
2126 S BAY ST
EUSTIS, FL 32726 6357
(352) 589-0121

May 22, 2023



SHERWIN-WILLIAMS®

Product Submittal

Project: Asphalt Cross Walk
Customer: MOUNT DORA*CITY OF
PO BOX 176, MOUNT DORA, FL, 327560176

Dear Christopher Carson:

Thank you for considering Sherwin-Williams products for the Asphalt Cross Walk project. Included in this package is the Sherwin-Williams submittal for the above referenced project.

Should you require assistance or have any questions or concerns, please contact me at (352) 638-0571 or e-mail me at justo.a.rosado@sherwin.com.

Justo Rosado

SALES- Sales Representative PC Multi- Segment

(352) 638-0571

justo.a.rosado@sherwin.com

SHERWIN-WILLIAMS

2126 S BAY ST, EUSTIS, FL 32726 6357



MOUNT DORA *CITY OF
Asphalt Cross Walk
May 22, 2023

Exterior Finishes

Asphalt

Finish: 0.0TM2320 - Premium Fast Dry Waterborne White

Notes: Only In five gallon buckets



SHERWIN-WILLIAMS.

Basic Surface Preparation

Coating performance is directly affected by surface preparation. Coating integrity and service life will be reduced because of improperly prepared surfaces. As high as 80% of all coating failures can be directly attributed to inadequate surface preparation that affects coating adhesion. Proper product selection, surface preparation, and application affect coating performance. Coating integrity and service life will be reduced because of improperly prepared surfaces. Selection and implementation of proper surface preparation ensures coating adhesion to the substrate and prolongs the service life of the coating system.

The majority of paintable surfaces are concrete, ferrous metal, galvanizing, wood and aluminum. They all require protection to keep them from deteriorating in aggressive environments. Selection of the proper method for surface preparation depends on the substrate, the environment, the coating selected, and the expected service life of the coating system. Economics, surface contamination, and the effect on the substrate will also influence the selection of surface preparation methods. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Verify the existence of lead based paints on the project. Buildings constructed after 1978 are less likely to contain lead based paints. If lead based paints are suspected on the project, all removal must be done in accordance with the EPA Renovation, Repair and Painting and all applicable state and local regulations. State and local regulations may be more strict than those set under the federal regulations. Verify that Owner has completed a Hazardous Material Assessment Report for the project prior to issuing of Drawings. Concluding that no lead based paints were found on project site, delete paragraph regarding lead based paints.

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. Removal must be done in accordance with EPA Renovation, Repair and Painting Rule and all related state and local regulations. Care should be taken to follow all state and local regulations which may be more strict than those set under the federal RRP Rule.

No exterior painting should be done immediately after a rain, during foggy weather, when rain is predicted, or when the temperature is below 50°F, unless the products to be used are designed to be used in those environments.

Aluminum – S-W 1: Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP1, Solvent Cleaning.

Block (Cinder and Concrete) – S-W 3: Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement, and hardeners. Concrete and mortar must be cured at least 28 days at 75°F. The pH of the surface should be between 6 and 9. On tilt-up and poured-in-place concrete, commercial detergents and abrasive blasting may be necessary to prepare the surface. Fill bug holes, air pockets, and other voids with a cement patching compound (per ASTM D4261).

Brick – S-W 4: Must be free of dirt, loose and excess mortar, and foreign material. All brick should be allowed to weather for at least one year followed by wire brushing to remove efflorescence. Treat the bare brick with one coat of Loxon Conditioner.

Concrete and Masonry – Concrete, Poured – Exterior or Interior – S-W 5: The preparation of new concrete surfaces is as important as the surface preparation of steel. The following precautions will help assure maximum performance of the coating system and satisfactory coating adhesion:

1. Cure – Concrete must be cured prior to coating. Cured is generally defined as concrete poured and aged at a material temperature of at least 75°F for at least 28 days unless specified products are designed for earlier application.

2. Moisture – Reference ASTM F1869-98 Moisture Test by use of Calcium Chloride or ASTM D4263 Plastic Sheet Method. Concrete must be free from moisture as much as possible (it seldom falls below 15%). Vapor pressures, temperature, humidity, differentials, and hydrostatic pressures can cause coatings to prematurely fail. The source of moisture, if present, must be located, and the cause corrected prior to coating.

3. Temperature – Air, surface and material temperatures must be in keeping with requirements for the selected product during and after coating application, until coating is cured.

4. Contamination – Remove all grease, dirt, paint, oil, laitance, efflorescence, loose mortar, and cement by the recommendations listed in the surface preparation section.

5. Surface Condition – Hollow areas, bug holes, voids, honeycombs, fin form marks, and all protrusions or rough edges are to be ground or stoned to provide a continuous surface of suitable texture for proper adhesion of the coating. Imperfections may require filling, as specified, with a recommended Sherwin-Williams product.

6. Concrete Treatment – Hardeners, sealers, form release agents, curing compounds, and other concrete treatments should be removed to ensure adequate coating adhesion and performance.

Methods of Surface Preparation on Concrete per SSPC-SP13/NACE 6 or ICRI 03732 Surface Cleaning Methods: Vacuum cleaning, air blast cleaning, and water cleaning per ASTM D4258.

Used to remove dirt, loose material, and/or dust from concrete.

Detergent water cleaning and steam cleaning per ASTM D4258.

Used to remove oils and grease from concrete. Prior to abrasive cleaning, and after abrasive cleaning, surfaces should be cleaned by one of the methods described above.

Mechanical Surface Preparation Methods:

Dry abrasive blasting, wet abrasive blasting, vacuum assisted abrasive blasting, and centrifugal shot abrasive blasting per ASTM D4259. Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.

High-pressure water cleaning or water jetting per SSPC-SP12-NACE5.

Used to remove contaminants, laitance, and weak concrete, to expose subsurface voids, and to produce a sound concrete surface with adequate profile and surface porosity.

Impact tool methods per ASTM D4259.

Used to remove existing coatings, laitance, and weak concrete. Methods include scarifying, planing, scabbling, and rotary peening. Impact tools may fracture concrete surfaces or cause microcracking requiring surface repair.

Power tool methods per ASTM D4259.

Used to remove existing coatings, laitance, weak concrete, and protrusions in concrete. Methods include circular grinding, sanding, and wire brushing. These methods may not produce the required surface profile to ensure adequate adhesion of subsequent coatings.

Chemical Surface Preparation Methods:

Acid etching per ASTM D4260. Use to remove some surface contaminants, laitance, and weak concrete, and to provide a surface profile on horizontal concrete surfaces. This method requires complete removal of all reaction products and pH testing to ensure neutralization of the acid. Not recommended for vertical surfaces. Etching with hydrochloric acid shall not be used where corrosion of metal in the concrete is likely to occur. Adequate ventilation and safety equipment required.

1. Clean surface per ASTM D4268
2. Wet surface with clean water
3. Etch with 10-15% muriatic acid solution at the rate of 1 gallon per 75 square feet
4. Scrub with stiff brush
5. Allow sufficient time for scrubbing and until bubbling stops
6. If no bubbling occurs, surface is contaminated. Refer to ASTM D4258 or ASTM D4259
7. Rinse surface two or three times. Remove acid/water each time.
8. Surface should have a texture similar to medium grit sandpaper.
9. Neutralize surface with a 3% solution of tri-sodium phosphate and flush with clean water.
10. Allow to dry and check for excess moisture.

Cement Composition Siding/Panels – S-W 6: Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Pressure clean, if needed, with a minimum of 2100 psi pressure to 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, many times the pH may be 10 or higher.

Composition Board (Hardboard) – S-W 9: Some composition boards may exude a waxy material that must be removed with a solvent prior to coating. Whether factory primed or unprimed, exterior composition board siding (hardboard) must be cleaned thoroughly and primed with an alkyl primer.

Copper – S-W 7: Remove all oil, grease, dirt, oxide and other foreign material by cleaning per SSPC-SP2, Hand Tool Cleaning.

Drywall—Interior and Exterior – S-W 8: 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.

Galvanized Metal – S-W 10: Allow to weather a minimum of 6 months prior to coating. Clean per SSPC-SP1 using detergent and water or a degreasing cleaner, then prime as required. 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 area, priming as required. Allow the coating to dry at least one week before testing. If adhesion is poor, Brush Blast per SSPC-SP16 is necessary to remove these treatments.

Plaster – S-W 11: Must be allowed to dry thoroughly for at least 30 days before painting. Room must be ventilated while drying; in cold, damp weather, rooms must be heated. Damaged areas must be repaired with an appropriate patching material. 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.

Steel/Ferrous Metal Substrates

SSPC-SP1- 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. Follow manufacturer's safety recommendations when using solvents. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.1. (Refer to each products cleaning instructions. Many acrylic coatings will state; When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse. **Do not use hydrocarbon solvents for cleaning.**)

SSPC-SP2 - Hand Tool Cleaning: Hand Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.2.

SSPC-SP3 - Power Tool Cleaning: Power Tool Cleaning removes all loose mill scale, loose rust, and other detrimental foreign matter. It is not intended that adherent mill scale, rust, and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues, and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.3.

SSPC-SP5 / NACE 1 - White Metal Blast Cleaning: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP5/ NACE No.1.

SSPC-SP6 / NACE 3 - Commercial Blast Cleaning: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 33 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE No.3.

SSPC-SP7 / NACE 4 - Brush-Off Blast Cleaning: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose paint. Tightly adherent mill scale, rust, and paint may remain on the surface. Mill scale, rust, and coating are considered adherent if they cannot be removed by lifting with a dull putty knife. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP7/NACE No.4.

SSPC-SP10 / NACE 2 - Near-White Blast Cleaning: A Near White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks, or minor discoloration caused by stains of rust, stains of mill scale, or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP 1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPCSP10/ NACE No.2.

SSPC-SP11 - Power Tool Cleaning to Bare Metal: Metallic surfaces that are prepared according to this specification, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxide corrosion products, and other foreign matter. Slight residues of rust and paint may be left in the lower portions of pits if the original surface is pitted. Prior to power tool surface preparation, remove visible deposits of oil or grease by any of the methods specified in SSPC-SP 1, Solvent Cleaning, or other agreed upon methods. For complete instructions, refer to Steel Structures Paint Council Surface Preparation Specification No.11.

SSPC-SP12 / NACE 5 - Surface Preparation and Cleaning of Metals by Waterjetting Prior to Recoating: High- and Ultra-High Pressure Water Jetting for Steel and Other Hard Materials This standard provides requirements for the use of high- and ultra-high pressure water jetting to achieve various degrees of surface cleanliness. This standard is limited in scope to the use of water only, without the addition of solid particles in the stream. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP12/NACE No.5.

SSPC-SP13 / NACE 6 or ICRI 03732 - Surface Preparation of Concrete: This standard gives requirements for surface preparation of concrete by mechanical, chemical, or thermal methods prior to the application of bonded protective coating or lining systems. The requirements of this standard are applicable to all types of cementitious surfaces including cast-in-place concrete floors and walls, precast slabs, masonry walls and shotcrete surfaces. An acceptable prepared concrete surface should be free of contaminants, laitance, loosely adhering concrete, and dust, and should provide a dry, sound, uniform substrate suitable for the application of protective coating or lining systems. Depending upon the desired finish and system, a block filler may be required. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP13/NACE No.6 or ICRI 03732

SSPC-SP14 / NACE 8 – Industrial Blast Cleaning: This standard gives requirements for industrial blast cleaning of unpainted or painted steel surfaces by the use of abrasives. This joint standard allows defined quantities of mill scale and/or old coating to remain on the surface. An industrial blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dust, and dirt. Traces of tightly adherent mill scale, rust, and coating residue are permitted to remain on 10% of each unit area of the surface. The traces of mill scale, rust, and coating shall be considered tightly adherent if they cannot be lifted with a dull putty knife. Shadows, streaks, and discolorations caused by stains of rust, stains of mill scale, and stains of previously applied coating may be present on the remainder of the surface.

SSPC-SP16 Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals: This standard covers the requirements for brush-off blast cleaning of uncoated or coated metal surfaces other than carbon steel by the use of abrasives. These requirements include visual verification of the end condition of the surface and materials and procedures necessary to achieve and verify the end condition. A brush-off blast cleaned non-ferrous metal surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, metal oxides (corrosion products), and other foreign matter. Intact, tightly adherent coating is permitted to remain. A coating is considered tightly adherent if it cannot be removed by lifting with a dull putty knife.

High- and Ultra-High Pressure Water Jetting for Steel and Other Hard Materials:

SSPC-SP WJ-1/NACE WJ-1: Clean to Bare Substrate (WJ-1) is intended to be similar to the degree of surface cleanliness of SSPC-SP 5/NACE 1, except that stains are permitted to remain on the surface. This standard is used when the objective is to remove every trace of rust and other corrosion products, coating and mill scale.

SSPC-SP WJ-2/NACE WJ-2: Very Thorough Cleaning (WJ-2) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to remove almost all rust and other corrosion products, coating, and mill scale.

SSPC-SP WJ-3/NACE WJ-3: Thorough Cleaning (WJ-3) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to remove much of the rust and other corrosion products, coating, and mill scale, leaving tightly adherent thin films.

SSPC-SP WJ-4/NACE WJ-4: Light Cleaning (WJ-4) is intended to be similar to the degree of surface cleanliness of SSPC-SP 10/NACE 2, except that tightly adherent material, rather than only stains, is permitted to remain on the surface. This standard is used when the objective is to allow as much of the tightly adherent rust and other corrosion products, coating, and mill scale to remain as possible. Discoloration of the surface may be present.

Water Blasting NACE Standard RP-01-72: Removal of oil grease dirt, loose rust, loose mill scale, and loose paint by water at pressures of 2,000 to 2,500 psi at a flow of 4 to 14 gallons per minute.

Stucco S-W 22 : 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.

Wood—Exterior – S-W 23: 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. Caulk should be applied after priming.

Wood—Interior – S-W 24: All finishing lumber and flooring must be stored in dry, warm rooms to prevent absorption of moisture, shrinkage, and roughening of the wood. All surfaces must be sanded smooth, with the grain, never across it. Surface blemishes must be corrected and the area cleaned of dust before coating.

Vinyl Siding, Architectural Plastics, PVC & Fiberglass: – S-W 24: 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. Do not paint vinyl with a color having a Light Reflective Value (LRV) of less than 56 unless VinylSafe® Colors are used. If VinylSafe® Colors are not used and darker colors lower than an LRV of 56 are, 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.

Previously Coated Surfaces – S-W 12: 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 per ASTM D4259.

Touch-Up, Maintenance and Repair

For a protective coating system to provide maximum long-term protection, regularly scheduled maintenance is required. Maintenance includes inspection of painted areas, cleaning of surfaces to remove oils, chemicals, and other contaminants, and touch-up of areas where the coatings have been damaged. Highly corrosive areas, such as those subjected to frequent chemical spillage, corrosive fumes, and/or high abrasion or temperature areas should be inspected frequently – every six months, for example. Areas exposed to less severe conditions, such as interiors and exteriors of potable water tanks, may be inspected annually to assess the condition of the coating system.

The SSPC-VIS 2, Standard Method for Evaluating Degree of Rusting on Painted Steel Surfaces, can be used as a guide to determine appropriate touch-up and repairs maintenance schedules. Touch-up would be suggested when the surface resembles Rust Grade 5-S (Spot Rusting), 6-G (General Rusting), or 6-P (Pinpoint Rusting). Surface preparation would generally consist of SSPC-SP2, SP3, SP11, or SP12. Overcoating a well protected, but aged steel surface showing no evidence of rusting, may be achieved by Low Pressure Water Cleaning per SSPC-SP12/WJ4, and applying an appropriate coating system.

Full removal of the existing coating system by abrasive blasting would be recommended when the surface resembles Rust Grade 3-S (Spot Rusting), 4-G (General Rusting), or 4-P (Pinpoint Rusting). When the coating system has deteriorated to encompass approximately 33% of the surface area, it is always more economical to consider full removal and reapplication of the appropriate protective coating system.

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

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



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HIGHWAY PRODUCTS

09/17

HOTLINE® WATERBORNE TRAFFIC PAINT TM2320 WHITE TM2321 LEAD FREE YELLOW

Description: Hotline® waterborne traffic paints, TM2320 and TM2321, are fast drying binder made with the most advanced resin technology available. Key features include; low VOC content, outstanding glass bead retention, superior early wash-out resistance, and more consistent drying times even under high humidity conditions.

Uses: TM2320 and TM2321 are used primarily for long line striping on streets and highways and parking lot striping. Other possible uses include auxiliary markings such as stop bars and crosswalks, and for striping airfields.

Application: For use in long line equipment Hotline® waterborne traffic paints TM2320 and TM2321 require the use of long line striping trucks that have been properly equipped to apply waterborne traffic paints. Specific details on the design of such a truck are available from the major equipment suppliers. Of particular importance is the need to avoid wetted metallic parts of anything other than stainless steel. Galvanized parts that contact the paint must especially be avoided. Hoses and gasket materials must be of material that will tolerate the high ammonia content of these paints (pH typically 9.5 to 9.8). The heating systems on these trucks should be designed to maintain the proper heat and to prevent accidental overheating of the paint.

Hotline® waterborne traffic paints, TM2320 and TM2321 are also designed for use with most walk behind striping equipment without heating. Although airless equipment is preferred air atomized equipment may be used. Hand application with brush or roller is not recommended.

Hotline® waterborne traffic paints are designed to dry to a no-track condition in 60 second when applied at 15 +/-1 mil wet film thickness with 6 lbs. of glass beads per gallon of paint, and an even distribution of both paint and glass beads. Dry no pickup is defined as passing over the paint line in a passenger car in a normal passing maneuver at 30 mph, with no tracking visible from a distance of fifty feet. Several conditions, such as excessive film thickness, high humidity (>75% RH) and uneven paint and bead distribution may have an adverse effect on the drying time of these products. No track times for parking lot applications, without glass beads are generally between 10 - 20 minutes.

Application Conditions: Surfaces should be clean and dry, and free from loose or peeling paint. Do not apply Hotline® waterborne traffic paint when air or surface temperatures are below 50°F. Full cure takes several hours above 50°F. Do not apply when temperature is below the dew point. Relative humidity above 85% will slow dry times, although not as much as conventional waterborne paints. Moisture in the road surface may cause premature failure. The presence of concrete sealers or effervescence on new concrete surfaces may interfere with adhesion and must be removed.

Most previously painted lines may be repainted without additional surface preparation, provided the old paint line is still tightly adhered to the surface. Multiple layers of paint may eventually fail at the base coat, or suffer inter-coat adhesion problems, and will have to be removed.

Application Rate: The recommended film thickness is 13 to 15 mils wet. (Approx. 110 to 125 sq. ft. per gallon) Application at the low end of this range does not significantly affect durability, but may improve dry time. Application at more than 15 mils may result in extended dry times and may cause lifting or cracking on some asphalt surfaces.

Thinning and Cleanup: Thinning of these products is normally not required, and not recommended under most conditions. If thinning is necessary, thin only with clean water, not to exceed four ounces per gallon. Thinning may prolong dry time and may promote settling of the unused, thinned paint.

Wet paint may be cleaned with water. Once the paint is dry, solvent or other cleaner will be required. Most typical paint solvents (e.g. xylene) may be used for this purpose, with appropriate safety precautions. Take care to avoid solvent contamination of waterborne paints.

Storage: Protect from freezing. Do not invert drums for storage. Avoid rolling drums that will defeat the special top off designed to retard skinning. Do not store above 115°F.

DOT classification: Hotline® waterborne traffic paints are not regulated by DOT.

Precautions: FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEETS. READ AND FOLLOW WARNING LABELS ON PACKAGES.

Painted surfaces can become slippery when wet. Traffic paints are not intended for use as floor paints. Do not use on pedestrian walkways or large surfaces such as ramps, floors and stairs which may become slippery when wet.

TYPICAL PROPERTIES

	<u>TM2320</u>	<u>TM2321</u>
Opacity	0.98	0.97
Viscosity	75-90 KU	75-90 KU
Total Solids by wt. (by volume)	77.0% (59.0%) min.	76.0% (59.0%) min.
Pigment Weight	58.0% minimum	58.0% minimum
Directional Reflectance	82% minimum	54% minimum
Color	Bright white	Visual Match Fed. Std. 595 Color No. 33538
Scrub Test	>500	>500
VOC Content	<100/Liter	<100/Liter

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