



INVITATION TO BID
CITY OF NAPLES
PURCHASING DIVISION
CITY HALL, 735 8TH STREET SOUTH
NAPLES, FL 34102
PH: 239-213-7100 FX: 239-213-7105

| | | | |
|--|--|--------------------------|---|
| NOTIFICATION DATE: 11/29/13 | <small>TITLE</small> INTERIOR PAINTING OF NAPLES PARKING STRUCTURE | NUMBER: 14-010 | OPENING DATE & TIME: 12/24/13 2:00 PM |
| PRE-BID DATE, TIME AND LOCATION: Non-Mandatory Pre-Bid Meeting held December 10, 2013; 10:00 AM local time; on the work site at 400 8th Street - South, Naples FL, 34102 | | | |

| | |
|---|--------------|
| NAME OF PARTNERSHIP, CORPORATION OR INDIVIDUAL: | |
| MAILING ADDRESS: | |
| CITY-STATE-ZIP: | |
| PH: | EMAIL: |
| FX: | WEB ADDRESS: |

| | | |
|---|------|--------------------|
| <p>I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder. In submitting a bid to the City of Naples the bidder offers and agrees that if the bid is accepted, the bidder will convey, sell, assign or transfer to the City of Naples all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of FL for price fixing relating to the particular commodities or services purchased or acquired by the City of Naples. At the City's discretion, such assignment shall be made and become effective at the time the City tenders final payment to the bidder.</p> <p style="text-align: center;">FEI/EIN Number _____</p> | | |
| AUTHORIZED SIGNATURE | DATE | PRINTED NAME/TITLE |
| <small>Please initial by all that apply</small> <small>I acknowledge receipt / review of the following addendum</small> ____ Addendum #1 ____ Addendum #2 ____ Addendum #3 ____ Addendum #4 | | |

PLEASE NOTE THE FOLLOWING:

- > **This page must be completed and returned with your bid.**
- > **Bids must be submitted in a sealed envelope, marked with bid number & closing date.**
- > **Bids received after the above closing date and time will not be accepted.**
- > **If you do not have an email address and you want a copy of the Bid Tab, please enclose a stamped, self-addressed envelope with your bid.**

GENERAL CONDITIONS

TO INSURE ACCEPTANCE OF THE BID, PLEASE FOLLOW THESE INSTRUCTIONS. ANY AND ALL SPECIAL CONDITIONS, ATTACHED HERETO, HAVE PRECEDENCE.

- 1. SEALED BID:** All bids must be submitted in a sealed envelope. The face of the envelope shall contain the bid name and bid number. Bids not submitted on attached bid form shall be rejected. All bids are subject to the conditions specified herein. Those which do not comply with these conditions are subject to rejection.
- 2. EXECUTION OF BID:** Bid must contain a manual signature of authorized representative in the proposal section. Bid must be typed or printed in ink. Use of erasable ink is not permitted. All corrections made by bidder to his bid must be initialed.
- 3. NO BID:** If not submitting a bid, respond by returning the Statement of No Bid and explain the reason in the spaces provided. Failure to respond 3 times in succession without justification shall be cause for removal of the supplier's name from the bid mailing list. NOTE: To qualify as a respondent, bidder must submit a "NO BID," and it must be received no later than the stated bid opening date and hour.
- 4. BID OPENING:** Shall be public, on the date and at the time specified on the bid form. It is the bidder's responsibility to assure that his bid is delivered at the proper time and place of the bid opening. Bids which for any reason are not so delivered will not be considered. Offers by telegram, telephone; or fax are not acceptable. Bid files may be examined during normal working hours.
- 5. WITHDRAWAL OF BIDS:** Withdrawal of a bid within sixty (60) days after the opening of bids is subject to suspension or debarment in accordance with Section 2-668 of the City Code for up to three years.
- 6. PRICES, TERMS and PAYMENT:** Firm Prices include all packing, handling, shipping charges and delivery to the destination shown herein. Bidder is encouraged to offer cash discount for prompt invoice payment. Terms of less than 20 days will not be considered.

 - A. TAXES:** The City of Naples does not pay Federal Excise and Sales taxes on direct purchases of tangible personal property. See exemption number on face of purchase order. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for the improvement of City-owned real property.
 - B. MISTAKES:** Bidders are expected to examine the specifications, delivery schedule, bid prices, extensions, and all instructions pertaining to supplies and services. Failure to do so will be at bidder's risk. In case of mistake in extension, the unit price will govern.
 - C. CONDITION AND PACKAGING:** It is understood and agreed that any item offered or shipped as a result of this bid shall be a new, current standard production model available at the time of this bid. All containers shall be suitable for storage or shipment, and all prices shall include standard commercial packaging.
 - D. SAFETY STANDARDS:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall comply with applicable requirements of Occupational Safety and Health Act and any standards there under.
 - E. UNDERWRITERS' LABORATORIES:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall carry U.L. approval and re-examination listing where such has been established.
 - F. PAYMENT:** Payment will be made by the buyer after the items awarded to a vendor have been received, inspected, and found to comply with award specifications, free of damage or defect and properly invoiced. All invoices shall bear the purchase order number. Payment for partial shipments shall not be made unless specified in the bid. Failure to follow these instructions may result in delay in processing invoices for payment. In addition, the purchase order number must appear on bills of lading, packages, cases, delivery lists and correspondence.
- 7. DELIVERY:** Unless actual date of delivery is specified (or if specified delivery cannot be met), show number of days required to make delivery after receipt of purchase order in space provided. Delivery time may become a basis for making an award (see Special Conditions). Delivery shall be within the normal working hours of the user, Monday through Friday, unless otherwise specified.

8. MANUFACTURERS' NAMES AND APPROVED EQUIVALENTS: Any manufacturers' names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition. The bidder may offer any brand for which he is an authorized representative, which meets or exceeds the specification for any item(s). If bids are based on equivalent products, indicate on the bid form the manufacturer's name and number. Bidder shall submit with his proposal, cuts, sketches, and descriptive literature, and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. The bidder shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. Bids which do not comply with these requirements are subject to rejection. Bids lacking any written indication of intent to quote an alternate brand will be received and considered in complete compliance with the specifications as listed on the bid form.

9. INTERPRETATIONS: Any questions concerning conditions and specifications shall be directed in writing to this office for receipt no later than ten (10) days prior to the bid opening. Inquiries must reference the date of bid opening and bid number. Failure to comply with this condition will result in bidder waiving his right to dispute the bid.

10. CONFLICT OF INTEREST: All bid awards are subject to Section 2-973 Conflict of Interest, City of Naples Code of Ordinances, which states: *"No public officer or employee shall have or hold any employment or contractual relationship with any business entity or any agency which is subject to the regulation of or is doing business with the city; nor shall an officer or employee have or hold any employment or contractual relationship that will create a continuing or frequently recurring conflict between his private interests and the performance of his public duties or that would impede the full and faithful discharge of his public duties. Any member of the city council or any city officer or employee who willfully violates this section shall be guilty of malfeasance in office or position and shall forfeit his office or position. Violation of this section with the knowledge, express or implied, of the person or corporation contracting with or making a sale to the city shall render the contract or sale voidable by the city manager or the city council."*

11. AWARDS: As the best interest of the City may require, the right is reserved to make award(s) by individual item, group of items, all or none, or a combination thereof; to reject any and all bids or waive any minor irregularity or technicality in bids received.

12. ADDITIONAL QUANTITIES: For a period not exceeding ninety (90) days from the date of acceptance of this offer by the buyer, the right is reserved to acquire additional quantities up to but not exceeding those shown on bid at the prices bid in this invitation. If additional quantities are not acceptable, the bid sheets must be noted "BID IS FOR SPECIFIED QUANTITY ONLY." (THIS PARAGRAPH DOES NOT APPLY FOR A TERM CONTRACT.)

13. SERVICE AND WARRANTY: Unless otherwise specified, the bidder shall define any warranty service and replacements that will be provided during and subsequent to this contract. Bidders must explain on an attached sheet to what extent warranty and service facilities are provided.

14. SAMPLES: Samples of items, when called for, must be furnished free of expense, on or before bid opening time and date, and if not destroyed may, upon request, be returned at the bidder's expense. Each individual sample must be labeled with bidder's name, manufacturer's brand name and number, bid number and item reference. Request for return of samples shall be accompanied by instructions which include shipping authorization and name of carrier and must be received with your bid. If instructions are not received within this time, the commodities shall be disposed of by the City of Naples.

15. BID PROTEST: The city has formal bid protest procedures that are available on request.

16. INSPECTION, ACCEPTANCE AND TITLE: Inspection and acceptance will be at destination unless otherwise provided. Title and risk of loss or damage to all items shall be the responsibility of the contract supplier until accepted by the ordering agency, unless loss or damage results from negligence by the ordering

17. DISPUTES: In case of any doubt or difference of opinion as to the items to be furnished hereunder, the decision of the buyer shall be final and binding on both parties.

18. GOVERNMENTAL RESTRICTIONS: In the event any governmental restrictions may be imposed which would necessitate alteration of the material, quality, workmanship or performance of the items offered on this proposal prior to their delivery, it shall be the responsibility of the successful bidder to notify the buyer at once, indicating in his letter the specific regulation which required an alteration. The City reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no expense to the City.

19. LEGAL REQUIREMENTS: Applicable provision of all Federal, State, county and local laws, and of all ordinances, rules, and regulations shall govern development submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the City of Naples by and through its officers, employees and authorized representatives, or any other person, natural or otherwise; and lack of knowledge by any bidder shall not constitute a cognizable defense against the legal effect thereof.

20. PATENTS AND ROYALTIES: The bidder, without exception, shall indemnify and save harmless the City of Naples and its employees from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the City of Naples. If the bidder uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work.

21. ADVERTISING: In submitting a bid, bidder agrees not to use the results there from as a part of any commercial advertising.

22. ASSIGNMENT: Any Purchase Order issued pursuant to this bid invitation and the monies which may become due hereunder are not assignable except with the prior written approval of the buyer.

23. LIABILITY: The supplier shall hold and save the City of Naples, its officers, agents, and employees harmless from liability of any kind in the performance of this contract.

24. PUBLIC ENTITY CRIMES: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

25. DISCRIMINATION: An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

26. COUNTY TAXES: No proposal shall be accepted from and no contract will be awarded to any person, firm or corporation that is in arrears to the government of Collier County, Florida.

27. OFFER EXTENDED TO OTHER GOVERNMENTAL ENTITIES: The City of Naples encourages and agrees to the successful bidder/proposer extending the pricing, terms and conditions of this solicitation or resultant contract to other governmental entities at the discretion of the successful bidder/proposer.

IF THIS BID IS FOR A TERM CONTRACT, THE FOLLOWING CONDITIONS SHALL ALSO APPLY

28. ELIGIBLE USERS: All departments of the City of Naples are eligible to use this term contract. Such purchases shall be exempt from the competitive bid requirements otherwise applying to their purchases.

29. PRICE ADJUSTMENTS: Any price decrease effectuated during the contract period by reason of market change shall be passed on to City of Naples. Price increases are not acceptable.

30. CANCELLATION: All contract obligations shall prevail for at least one hundred eighty (180) days after effective date of contract. After that period, for the protection of both parties, this contract may be cancelled in whole or in part by either party by giving thirty (30) days prior written notice to the other party.

31. RENEWAL: The City of Naples reserves the option to renew the period of this contract, or any portion thereof for up to two (2) additional periods. Renewal of the contract period shall be by mutual agreement in writing.

32. ABNORMAL QUANTITIES: While it is not anticipated, should any unusual or abnormal requirements arise, the City reserves the right to solicit separate bids thereon.

33. FISCAL NON-FUNDING CLAUSE: In the event sufficient funds are not budgeted for a new fiscal period, the City shall notify the contractor of such occurrence and the contract shall terminate on the last day of the current fiscal year without penalty or expense to the City.

IF THIS BID IS FOR PERFORMING A SERVICE, THE FOLLOWING CONDITIONS SHALL ALSO APPLY

34. ALTERNATIVE BIDS: Bidders offering service delivery methods other than those permitted by the scope of work may submit a separate envelope clearly marked "ALTERNATIVE BID". Alternative bids will be deemed non-responsive and will not be considered for award. All such responses will, however, be examined prior to award. Such examination may result in cancellation of all bids received to permit rewriting the scope of work to include the alternative method, or the alternative method may be considered for future requirements of the City of Naples.

35. ANTITRUST: By entering into a contract, the contractor conveys, sells, assigns and transfers to the City of Naples all rights, titles and interest it may now have or hereafter acquire under the antitrust laws of the United States and the State of Florida that relate to the particular goods or services purchased or acquired by the City of Naples under said contract.

36. BIDDER INVESTIGATIONS: Before submitting a bid, each bidder shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract and to verify any representations made by the City of Naples upon which the bidder will rely. If the bidder receives an award as a result of its bid submission, failure to have made such investigations and examinations will in no way relieve the bidder from its obligation to comply in every detail with all provisions and requirements of the contract documents, nor will a plea of ignorance of such conditions and requirements be accepted as a basis for any claim whatsoever by the contractor for additional compensation.

37. CERTIFICATES AND LICENSES: The Contractor, at time of proposal, shall possess the correct occupational licenses, all professional licenses or other authorizations necessary to carry out and perform the work required by the City of Naples and Collier County for this project pursuant to all applicable Federal, State and Local Laws, Statutes, Ordinances, and rules and regulations of any kind.

38. CHANGE IN SCOPE OF WORK: The City of Naples may order changes in the work consisting of additions, deletions or other revisions within the general scope of the contract. No claims may be made by the contractor that the scope of the project or of the contractor's services has been changed, requiring changes to the amount of compensation to the contractor or other adjustments to the contract unless such changes or adjustments have been made by written amendment to the contract signed by the City of Naples and the contractor. If the contractor believes that any particular work is not within the scope of the project, is a material change, or will otherwise require more compensation to the contractor, the contractor must immediately notify the City in writing of this belief. If the City believes that the particular work is within the scope of the contract as written, the contractor will be ordered to and shall continue with the work as changed and at the cost stated for the work within the scope.

39. CONTRACTOR PERSONNEL: The City of Naples shall, throughout the life of the contract, have the right of reasonable rejection and approval of staff or subcontractors assigned to the work by the contractor. If the City

reasonably rejects staff or subcontractors, the contractor must provide replacement staff or subcontractors satisfactory to the City in a timely manner and at no additional cost to the City. The day-to-day supervision and control of the contractor's employees and sub-contractors is the responsibility solely of the contractor.

40. COST REIMBURSEMENT: The contractor agrees that all incidental costs, including allowances for profit and tools of the trade, must be included in the bid proposal rates. If an arrangement is made between the contractor and the City to reimburse the contractor for the cost of materials provided in the performance of the work, the contractor shall be reimbursed in the following manner: The City shall reimburse the contractor on completion and acceptance of each assigned job, only for those materials actually used in the performance of the work that is supported by invoices issued by the suppliers of the contractor describing the quantity and cost of the materials purchased. No surcharge shall be added to the supplier's invoices or included in the contractor's invoice submitted to the City that would increase the dollar amount indicated on the supplier's invoice for the materials purchased for the assigned job.

41. EXCEPTIONS: Bidders taking exception to any part or section of the solicitation shall indicate such exceptions on the bid form. Failure to indicate any exception will be interpreted as the bidder's intent to comply fully with the requirements as written. Conditional or qualified bids, unless specifically allowed, shall be subject to rejection in whole or in part.

42. FAILURE TO DELIVER: In the event of the contractor to fail to deliver services in accordance with the contract terms and conditions, the City, after due oral or written notice, may procure the services from other sources and hold the contractor responsible for any resulting purchase and administrative costs. This remedy shall be in addition to any other remedies that the City may have.

43. FAILURE TO ENFORCE: Failure by the City at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the City to enforce any provision at any time in accordance with its terms.

44. FORCE MAJEURE: The contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions and acts of God beyond the control of the contractor, unless otherwise specified in the contract.

45. INDEPENDENT CONTRACTOR: The contractor shall be legally considered an independent contractor and neither the contractor nor its employees shall, under any circumstances, be considered servants or agents of the City of Naples and the City of Naples shall be at no time legally responsible for any negligence or any wrongdoing by the contractor, its servants or agents. The City of Naples shall not withhold from the contract payments to the contractor any federal income taxes, Social Security tax, or any other amounts for benefits to the contractor. Further, the City shall not provide to the contractor any insurance coverage or other benefits, including Workers' Compensation normally provided by the City for its employees.

46. ORAL STATEMENTS: No oral statement of any person shall modify or otherwise affect the terms, conditions or specifications stated in this contract. All modifications to the contract must be made in writing by the City of Naples.

47. QUALIFICATIONS OF BIDDERS: The bidder may be required, before the award of any contract, to show to the complete satisfaction of the City of Naples that it has the necessary facilities, ability, and financial resources to provide the service specified therein in a satisfactory manner. The bidder may also be required to give a past history and references in order to satisfy the City in regard to the bidder's qualifications. The City may make reasonable investigations deemed necessary and proper to determine the ability of the bidder to perform the work, and the bidder shall furnish to the City all information for this purpose that may be requested. The City reserves the right to reject any bid if the evidence submitted by, or investigation of, the bidder fails to satisfy the City that the bidder is properly qualified to carry out the obligations of the contract and to complete the work described therein. Evaluation of the bidder's qualifications shall include:

- > The ability, capacity, skill and financial resources to perform the work or service.
- > The ability to perform the work service promptly or within the time specified, without delay.
- > The character, integrity, reputation, judgment, experience, and efficiency of the bidder.

> The quality of performance of previous contracts or services.

48. QUALITY CONTROL: The contractor shall institute and maintain throughout the contract period a properly documented quality control program designed to ensure that the services are provided at all times and in all respects in accordance with the contract. The program shall include providing daily supervision and conducting frequent inspections of the contractor's staff and ensuring that accurate records are maintained describing the disposition of all complaints. The records so created shall be open to inspection by the City.

49. RECOVERY OF MONEY: Whenever, under the contract, any sum of money shall be recoverable from or payable by the contractor to the City, the same amount may be deducted from any sum due to the contractor under the contract or under any other contract between the contractor and the City. The rights of the City are in addition and without prejudice to any other right the City may have to claim the amount of any loss or damage suffered by the City on account of the acts or omissions of the contractor.

50. REQUIREMENTS CONTRACT: During the period of the contract, the contractor shall provide all the services described in the contract. The contractor understands and agrees that this is a requirements contract and that the City shall have no obligation to the contractor if no services are required. Any quantities that are included in the scope of work reflect the current expectations of the City for the period of the contract. The amount is only an estimate and the contractor understands and agrees that the City is under no obligation to the contractor to buy any amount of services as a result of having provided this estimate or of having any typical or measurable requirement in the past. The contractor further understands and agrees that the City may require services in excess of the estimated annual contract amount and that the quantity actually used whether in excess of, or less than, the estimated annual contract amount and that the quantity actually used shall not give rise to any claim for compensation other than the total of the unit prices in the contract for the quantity actually used.

51. TERMINATION FOR CONVENIENCE: The performance of work under the contract may be terminated by the City in whole or in part whenever the City determines that termination is in the City's best interest. Any such termination shall be effected by the delivery to the contractor of a written notice of termination of at least seven (7) days before the date of termination, specifying the extent to which performance of the work under the contract is terminated and the date upon which such termination becomes effective. After receipt of a notice of termination, except as otherwise directed, the contractor shall stop work on the date of the receipt of the notice or other date specified in the notice; place no further orders or subcontracts for materials, services or facilities except as necessary for completion of such portion of the work not terminated; terminate all vendors and subcontracts; and settle all outstanding liabilities and claims.

52. TERMINATION FOR DEFAULT: The City of Naples reserves the right to terminate the contract if the City determines that the contractor has failed to perform satisfactorily the work required, as determined by the City. In the event the City decides to terminate the contract for failure to perform satisfactorily, the City shall give to the contractor at least seven (7) days written notice before the termination takes effect. The seven-day period will begin upon the mailing of notice by the City. If the contractor fails to cure the default within the seven (7) days specified in the notice and the contract is terminated for failure to perform satisfactorily, the contractor shall be entitled to receive compensation for all reasonable, allocable and allowable contract services satisfactorily performed by the contractor up to the date of termination that were accepted by the City prior to the termination. In the event the City terminates the contract because of the default of the contractor, the contractor shall be liable for all excess costs that the City is required to expend to complete the work under contract.

53. STATE AND FEDERAL EMPLOYMENT LAWS: Contractors providing service to the City are required to comply with all state and federal employment laws. This includes, but is not limited to, laws resulting from the Immigration and Reform and Control Act of 1986, wherein all employers are required to verify the identity and employment eligibility of all employees. The Department of Homeland Security, U.S. Citizenship and Immigration Services require employees and employers to complete Form I-9 and the employer must examine evidence of identity and employment eligibility within three business days of the date employment begins. Non compliant contractors will be subject to contract sanctions, up to and including contract termination.

54. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION: The contractor agrees to comply with Executive Order 12549 "Debarment and

Suspension” and 2 CFR 180 “OMB Guidelines to Agencies on Government wide Debarment and Suspension.” These rules require all contractors using federal funds not be debarred or suspended from doing business with the Federal Government. This includes sub-recipients and lower tier participant for covered transactions. Signing and submitting this document certified the organization and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency, and further have not within the preceding three-year period been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction .

THE CITY OF NAPLES IS AN EQUAL OPPORTUNITY EMPLOYER

GENERAL INSURANCE REQUIREMENTS

The Contractor shall not commence work until he has obtained all the insurance required under this heading, and until such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work until all similar insurance required of the subcontractor has also been obtained and approved by the Owner.

Certificates of insurance must be issued by an authorized representative of the insurance company at the request and direction of the policyholder and must include sufficient information so as to identify the coverage and the contract for Owner's improvements for which they are issued. Certificates of insurance must be issued by a nationally recognized insurance company with a Best's Rating of no less than B+VII, satisfactory to the Owner, and duly licensed to do business in the state of said Contract.

The Contractor shall procure and maintain, during the life of this Contract, Worker's Compensation Insurance for all of his employees to be engaged in work under this Contract, and he shall require any subcontractor similarly to provide Worker's Compensation Insurance for all of the latter's employees to be engaged in such work, unless such employees are covered by the protection afforded by the Contractor's insurance. In case any employees are to be engaged in hazardous work under this Contract, and are not protected under this Worker's Compensation statute, the Contractor shall provide, and shall cause each subcontractor to provide, adequate coverage for the protection of such employees. It is acceptable to use a State-approved Worker's Compensation Self-Insurance fund.

The Contractor shall take out and maintain during the life of this Contract, Public Liability and Property Damage and shall include Contractual Liability, Personal Injury, Libel, Slander, False Arrest, Malicious Prosecution, Wrongful Entry or Eviction, Broad Form Property Damage, Products, Completed Operations and XCU Coverage to be included on an occurrence basis, and to the full extent of the Contract to protect him, the Owner, and any subcontractor performing work covered by this Contract from damages for personal injury, including accidental death, as well as from claims for property damage, which may arise from operations under this contract, whether such operations be by himself or by a subcontractor, or by anyone directly or indirectly employed by either of them. The Contractor shall also maintain automobile liability insurance including "non-owned and hired" coverage. The entire cost of this insurance shall be borne by the Contractor.

The amount of such insurance shall be no less than \$1,000,000 annual aggregate for bodily injury and property damage combined per occurrence.

The City of Naples must be named as Additional Insured on the insurance certificate and the following must also be stated on the certificate. "This coverage is primary to all other coverage the City possesses for this contract only." The City of Naples shall be named as the Certificate Holder. The Certificate Holder shall read as follows:

The City of Naples
735 Eighth Street South
Naples, Florida 34102

No City Division, Department, or individual name should appear on the Certificate.

No other format will be acceptable.

The Certificate must state the proposal number and title.

When using the "Accord"- 25 Certificate of Insurance only the most current version will be accepted.

The City of Naples requires a copy of a cancellation notice in the event the policy is cancelled. The City of Naples shall be expressly endorsed onto the policy as a cancellation notice recipient.

STATEMENT OF NO BID

If you will not be bidding on this product/service, please help us by completing and returning only this page to:

City of Naples, Purchasing Division
City Hall, 735 8th Street South
Naples, FL 34102
Fax 239-213-7105

Bid # _____ and Description: _____

We, the undersigned, decline to proposal on the above project for the following reason(s):

- ___ We are not able to respond to the Invitation to Bid or Request for Proposals by the specified deadline.
- ___ Our Company does not offer this product or service.
- ___ Our current work schedule will not permit us to perform the required services.
- ___ Specifications are incomplete or information is unclear
(Please explain below).

___ Other (Please specify below)

Company Name _____ PH _____

Email _____

Name and Title of individual completing this form:

(Printed Name) (Title)

(Signature) (Date)

REFERENCES

THIS SHEET MUST BE COMPLETED AND RETURNED WITH BID

PROVIDE AT LEAST THREE REFERENCES FOR WHOM YOUR COMPANY HAS PROVIDED SAME OR SIMILAR SERVICES WITHIN THE LAST 2 YEARS.

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____

CONTACT PERSON: _____

CONTACT E-MAIL ADDRESS: _____

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____

CONTACT PERSON: _____

CONTACT E-MAIL ADDRESS: _____

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____

CONTACT PERSON: _____

CONTACT E-MAIL ADDRESS: _____

PROFESSIONAL SERVICES
SPECIAL CONDITIONS

- A. **TERMS OF CONTRACT**
The resulting contract will commence on award and be in effect until completion of the project.
- B. **PROHIBITION OF CONTACT**
Under no circumstances should any prospective organization or individual, or anyone acting for or on behalf of a prospective organization or individual, seek to influence or gain the support of any member of the City Council, public official or City staff favorable to the interest of any prospective organization or individual. Likewise, contact with City Council, any public official or city staff against the interests of other prospective organization (s) and or individual(s) is prohibited. Any such activities will result in the exclusion of the prospective organization or individual from consideration by the City.
- C. **REFERENCES**
Bidder must submit a minimum of three references on the form provided. Additionally, IRS W-9s will be required from vendors who are awarded contracts.
- D. **STATEMENT OF NO BID**
If you will not be bidding on this producer/service, please help us by completing and returning the Statement of No Bid.
- E. **BID FORMAT**
The Contract, if awarded, will be awarded on the basis of material and equipment illustrated and described on the Drawings or specified in the Specification. If a substitution or an "or equal" item is proposed, Proposer must submit this information to the City of Naples Purchasing Department ten (10) days prior to the Proposal Date for evaluation as an acceptable substitution or an "or equal" item. If the substitution or the "or equal" item is accepted, the City of Naples will issue an Addendum to all Proposers listing the allowable substitution or the "or equal" item. The cost of changes in related work, additional drawings which may be required to illustrate or define the substitute or "or equal" equipment and its relationship to the other parts or portions of the Work shall be paid by the Contractor. No change will be made in the amount of time in which to complete the Work or in the liquidated damages. Proof of insurance from the successful proposer is required at the time of issuance and award of a contract.
- F. **PROPOSAL PERFORMANCE & PAYMENT BONDS**
A Performance Bond will be required of the Awarded Proposer for any contract that is in excess of \$125,000.00 dollars and will be in an amount equal to 100 (%) percent of the price specified in the Contract.

A Payment Bond will be required of the Awarded Proposer for any contract that is in excess of \$125,000.00 dollars if Awarded Proposer indicates the use of any suppliers or the hiring of any subcontractor(s) within the proposal or at the time of issuance and award of a contract.

The bond(s) shall be executed by a surety company authorized to do business in the State of Florida, or otherwise secured in a manner satisfactory to the City for the protection of all persons supplying labor and material to the contractor or its subcontractors for the performance of the work provided for in the contract.

G. QUESTIONS

Questions regarding this proposer packet must be received in writing in the Purchasing Division, NO LATER THAN TEN CALENDAR DAYS PRIOR TO THE PROPOSAL CLOSING DATE TO ENSURE AN ANSWER IS PROVIDED PRIOR TO CLOSING.

Direct all questions to:
Gerald "Jed" Secory, MBA / CPPO / CPM
Purchasing Manager
City of Naples, Purchasing Division
735 8th Street South
Naples, Florida 34102
PH: (239) 213-7102 FX: (239) 213-7105
Jsecory@naplesgov.com

SUBMISSION CHECKLIST

Bidder should check off each of the following items as completed and submit with bid response:

| CHECKLIST ELEMENTS | INCLUDED |
|--|----------|
| <ul style="list-style-type: none"> Submit one (1) original signature and one (1) copy of your original bid proposal / document AND a Windows© compatible PDF of the original document on a CD that is clearly labeled. | |
| <ul style="list-style-type: none"> Include any required drawings; descriptive literature; qualifications; schedules; product compliance / exceptions; alternatives; questionnaire; references, forms, tabs, pricing/cost; and any information required of the proposer identified in the text of the bid including information for bid evaluation. | |
| <ul style="list-style-type: none"> Include any delivery information. | |
| <ul style="list-style-type: none"> Mandatory FORMS from this document to be included are: <u>Cover Sheet</u>, <u>References Sheet</u>, <u>Submission Checklist Sheet</u>, and <u>Cost Schedule</u>. | |
| <ul style="list-style-type: none"> Have an authorized individual sign the appropriate pages including the <u>Cover Sheet</u> with any bid addendums initialed. Also, examples of vendor contracts used by the City can be found on the Naples Purchasing web site and should be reviewed by the vendor. | |
| <ul style="list-style-type: none"> Bid proposal / document needs to be received by the OPENING DATE & TIME indicated on the Cover Sheet. The mailing envelope must be addressed to: <div style="text-align: center;"> City of Naples Purchasing Division 735 8th Street South Naples, Florida 34102 </div> | |
| <p style="text-align: center;">The mailing envelope should be sealed and marked with: BID Number: BID Title: BID Opening Date:</p> | |

ALL COURIER DELIVERED PROPOSALS MUST HAVE THE BID NUMBER AND TITLE ON THE OUTSIDE OF THE COURIER PACKET.

At the discretion of the Purchasing Manager, bids or proposals with minor irregularities may be accepted and allowed to be corrected when in the best interest of the City.

BID SPECIFICATIONS

A. SCOPE OF SERVICES

Furnish all materials, labor and equipment for the interior painting of the Naples Parking Garage structure at 400 8th St S.

B. AWARD OF BID

The City reserves the right to award the bid in a manner that best serves the interests of the City of Naples.

C. CONTRACT MANAGEMENT

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

D. LICENSES AND PERMITS

Licenses may be required by the State of Florida, Collier County, or the City of Naples to perform all or part of this work. Contractors should investigate and determine if they hold the necessary License(s) prior to bid submittal.

Permitting may be required for all or part of the requested work. The contractor will be responsible for investigating and determining if permitting is necessary. The contractor will also be responsible for obtaining permits.

The permit process shall begin within 24 hours of award and the work shall commence immediately upon receipt of permit.

E. INSURANCE

Successful contractor(s) shall furnish proof of insurance as per specifications. Contractors should investigate and determine if they hold the necessary insurance prior to bid submittal.

F. CONDUCT

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

safety equipment, pants, short or long, and proper footwear. Proper safety equipment shall be worn at all times.

G. CONTRACTORS EQUIPMENT

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

H. DISPOSAL OF DEBRIS

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

I. SCHEDULING OF WORK

1. All work will be performed Monday through Friday. Saturday and Sunday work may be authorized by the Contract Manager.
2. **The City will close the parking garage for the entire length of the project.** Contractors are asked to provide the length of the project to the City with their bid.
3. The Contractor will correct work deficiencies and/or problems pointed out by the Contract Manager within 3 days of notification or sooner depending on the nature of the deficiency.

J. PAYMENT REQUESTS, INVOICES AND WORK REPORTS

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

K. NON-PERFORMANCE

The City reserves the right to cancel the contract with a seven (7) day notice should the Contractor fail to perform up to the requirements and standards identified in the specifications. The City may withhold part or all payments due to the Contractor until correction is made.

L. QUALIFICATIONS

The Contractor shall be licensed with a minimum of three (3) years' experience in painting, in commercial application. All bidders shall provide, with their bid proposal, a list of at least three (3) commercial references. The City reserves the right to contact these as references, in order to determine the competency of the Contractor. In addition, the licenses and experience of the designated contact person shall be supplied at bid opening.

M. INSPECTION

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

Contract Manager may authorize minor variations from the requirements of the Contract Documents.

N. REJECTING DEFECTIVE WORK

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

O. PROTECTION OF PUBLIC AND PRIVATE PROPERTY

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

shall not be permitted unless prior arrangements have been made with the Contract Manager and the City Police and Fire Departments and other agencies having jurisdiction over the street to be closed.

P. PROTECTION OF OVERHEAD UTILITIES

The operations will be conducted in many areas where overhead electric, telephone, and cable television facilities exist. The contractor shall protect all utilities from damage, shall immediately contact the appropriate utility if damage has occurred, and shall be responsible for all claims for damage due to his operations. The contractor shall make arrangements with the utility for the removal of necessary limbs and branches, which may conflict with, or create a personal injury hazard in the removal of the tree. Delays encountered by the contractor in waiting for the utility to complete its work shall not be the responsibility of the contractor.

Q. PROTECTION OF UNDERGROUND UTILITIES

The Contractor will be responsible for following the Florida Underground Facility Damage Prevention & Safety Act (556), OSHA Standard 1926.651, Florida Trench and Safety Act (Chapter 90-96) and obtaining utility locations by calling Sunshine State One-Call of Florida Inc. at 1-800-432-4700. Contractor shall have full responsibility for reviewing and checking all information and data for locating all underground facilities.

R. TRAFFIC CONTROL

1. Contractor will be required to furnish traffic control and/or barricades as needed or as required by the State of Florida. Barricading and detouring of the traffic shall be accomplished in conformance with the State of Florida Manual of Uniform Traffic Control Devices for Highway Construction and Maintenance Operations, latest edition. A flagman is required when two-way traffic is obstructed by the removal operation.
2. Contractor will be responsible for adequate barricades, warning devices, and the necessary safety equipment according to State DOT standards while working on City, County or State roads as a sub-Contractor of the City.

SCOPE OF WORK

- A. To prepare and repaint interior surfaces to include:
- All Interior Stucco Surfaces
 - All Interior Walls and Ceilings of Parking Garage
 - All Ceiling Pipes-Previously Coated
- B. Areas not to be painted:
- Areas Not Listed Above to include:
 - Concrete Floors

PREPARATION AND MATERIAL APPLICATION OF SURFACES TO BE PAINTED

A. Pressure Cleaning:

1. All interior surfaces are to be pressure-cleaned using a minimum of 3000 Lb. P.S.I. to obtain a sound substrate and to remove all loose paint and surface contaminations such as, salt deposits, mildew, and algae. Pressure cleaning is not to precede application of sealer coat by more than three (3) weeks. NOTE: Special attention should be paid to insure that all loose material is removed exposing a sound substrate. Where algae are present, the areas may appear to be clean after pressure cleaning and still be contaminated. The manufacturer's representative will inspect and clear these areas along with the remaining areas before the sealer application begins.
2. On any and all areas where mildew is present, remove mildew using bleach and water. Follow manufacturer's precautions and handling instructions on bleach products. Shrubbery which cannot be readily covered should be sprayed with water before bleach solution is applied and again afterward.

B. Primers and Sealer Application:

1. Stucco surfaces that exhibits chalking after proper cleaning, are to be sealed with Sherwin-Williams Loxon Guide Coat 100% Acrylic Conditioner, A24-100 Series. This material is available in clear and pigmented.

NOTE:

- Before the sealer application is started, the Sherwin-Williams representative will examine the surfaces in order to verify that a sound substrate has been achieved.

Areas that are not to receive sealer will have to be pre-approved by the owner and the Sherwin-Williams representative.

2. All metal pipes attached to building shall be wire brushed to remove all loose or flaking paint and rust and the unpainted areas will be primed with Kem Kromik Metal Primer then coated with S/W Industrial Alkyd Enamel, B54 Series.

C. Patching (Prior to application of finish coats and after sealer coats):

1. All hairline cracks and shrinkage cracks of 1/16 of an inch or smaller shall be bridged using S/W ConSeal Smooth or Textured Elastomeric Patches, A5 Series by applying the product generously over the center of the crack. Then using a broad knife or brush, feather the material out on both sides of the crack and crowned on center to allow for any movement.

2. Cracks of greater than 1/16 of an inch should be routed out to form a "V". The joint should be cleaned and then be primed using S/W Loxon Guide Coat 100% Acrylic Conditioner, A24-100 Series. Caulk the joint using Pro Select Stampede One Component Polyurethane Sealant. Then apply a coat of S/W ConSeal Smooth or Textured Elastomeric Patches, A5 Series in a similar manner to the hairline cracks above.

3. All loose, broken or spalled stucco is to be removed and the area repaired based on the amount of square footage agreed upon between the owner and contractor. Conform patch to match existing surfaces as closely as possible. All replaced stucco must cure a minimum of three (3) days and must be primed using S/W Loxon Guide Coat 100% Acrylic Conditioner, A24-100 Series.

4. All previous crack repairs that have re-opened are to be treated as noted in 1 and 2. Note: Remove all existing material applied on initial repair. All repairs are to be textured in a way that will match the adjoining surfaces as closely as possible.

NOTE: This specification does not address the repair of concrete or structural damage. A structural engineer of the owner's choice should address these repairs. Without the proper repair to these areas you may see some deterioration of our coating.

D. Caulking (prior to application of finish coats and after sealer coats)

1. All deteriorated sealants are to be removed and the joints are to be cleaned and wiped out with Xylene. These joints along with the ones listed below are to be caulked using S/W Pro Select Stampede One Component Polyurethane Sealant.

- All penetrations, including electrical and plumbing fixtures
- All vertical changes in wall direction

- Between dissimilar materials, such as wood to stucco, metal to stucco, etc.

NOTE: Some sealants are not always compatible with all other architectural sealants. Therefore, determination of the type of material to be caulked over is essential before proceeding with any caulking of areas.

All sealant joints are to be a minimum of ½ inch wide. This will allow for at least ¼ inch adhesion to both sides of the joint.

Materials to be Used

A. All materials are to be delivered to the building in unopened factory labeled containers

B. All Stucco Surfaces, Walls and Ceilings

- Sealer

S/W Loxon Guide Coat 100% Acrylic Conditioner, A24-100 Series

- Finish

S/W SuperPaint Exterior Latex Satin, A89-100 Series

NOTE: If the owner approves for the contractor to spray the above material, Sherwin-Williams will require that all sprayed areas be back-rolled. The Contractor is responsible to own and use a wet film thickness gauge to check application as he proceeds.

C. Metal Pipes and Miscellaneous Metal

- Spot Primer

S/W Kem Kromik Universal Metal Primer, B50 Series

- Finish

S/W Industrial Alkyd Enamel, B54 Series

Requirements for Bidding Contractor

A. Paint coatings are not to be applied during adverse weather conditions.

B. Reasonable care will be taken to protect all areas and foliage from paint spillage.

C. Contractor will make inspection as job progresses, and at completion is to remove old caulking materials, empty cans, etc.

D. All work is to be done in a neat, professional manner, in complete compliance with all recommendations issued or published by the manufacturers of each material used and in a manner so as not to interfere with the general business of the owners or their employees.

Delivery, Storage and Handling

A. Deliver all materials to job site in unbroken containers bearing manufacturer's brand, product name and number plus color designation.

B. Store materials and equipment at site in properly ventilated and secured areas assigned for this purpose by building manager. All receiving, opening and mixing shall be done in this location.

C. Comply with manufacturer's recommendations as to environmental conditions under which material can be applied.

D. Protect adjacent surfaces from spattering or overruns using adequate drop cloths, masking, etc., as necessary.

E. Repair or cause to be repaired any surfaces damaged by operation.

Manufacturer's Warranty and Inspection by an Authorized Representative

A. Deliver all materials to job site in unbroken containers bearing manufacturer's brand, product name and number plus color designation.

B. Upon completion of the entire project as specified in the specifications, the Paint Manufacturer must furnish a Non Pro-rated Seven (7) Year Limited Warranty on the stucco materials. The Limited Warranty must provide seven (7) years of service from the date of purchase without peeling, blistering, cracking or other deterioration of the surface caused by defects in the paint system (see attached warranty).

C. The manufacturer's representative will inspect each phase of the paint system's operations to include:

1. Preparation and pressure cleaning.
2. Applications of sealers, caulking and patching.
3. Application of finish coat.

These specifications and the contractor's quotations are predicated upon a general review of the building, whereas commencement of work may reveal unforeseen conditions affecting extras and changes.

This specification has been written for the purpose of identifying the products and procedures to be followed based upon the scope of work herein defined. A preliminary visual inspection was performed prior to writing these specifications. However, the inspection and these specifications do not necessarily encompass certain conditions and/or inherent problems that may exist in the building structure. These conditions may be, but are not limited to: faulty roof or window structures, stucco and/or masonry degradation, loose railing stanchions and/or any other existing conditions which may directly or indirectly affect the adhesion and performance of any newly applied coating system. Therefore, it may be necessary to solicit the expertise of an engineer to determine any additional remedies to be implemented in conjunction with these specifications.



**SHERWIN
WILLIAMS.**

**LOXON[®]
CONDITIONER
A24-100 Series**

| As of 01/10/2012, Complies with: | | | |
|----------------------------------|-----|-------------|----|
| OTC | Yes | LEED® 09 CI | No |
| SCAQMD | Yes | LEED® 09 NC | No |
| CARB | Yes | LEED® 09 CS | No |
| MPI # | No | LEED® H | No |
| NAHB | No | | |

CHARACTERISTICS

Loxon® Conditioners are 100% acrylic emulsion conditioners that will penetrate and seal interior and exterior surfaces and bond light chalk to the surface. These sealers allow new concrete, stucco, and other cementitious surfaces to be coated prior to a 30 day cure, and will adhere to new or existing concrete with a pH of 6 to 13.

Color: Clear and Guide Coat White
Coverage: 200-300 sq ft/gal
Drying Time, @ 77°F, 50% RH:
 Drying and recoat times are temperature, humidity and film thickness dependent.
 Touch: 30 minutes
 Tack free: 1 hour
 Recoat: 3 hours
Flash Point: N/A
Finish: 0-10 units @ 85°
Tinting: up to 1 oz/gal
Vehicle Type: Acrylic
A24W00100
VOC (less exempt solvents):
 95 g/L; 0.79 lb/gal
Volume Solids: 18 ± 2%
Weight Solids: 26 ± 2%
Weight per Gallon: 9.1 lb

SPECIFICATION

Concrete, Stucco, Block
 1 ct. Loxon Conditioner
 2 cts. Appropriate architectural topcoat within 7 days

For maximum resistance to efflorescence, you must topcoat with one of the Loxon or Loxon XP Coatings. Other topcoats can be used, but first apply Loxon Masonry Primer as an intermediate coat for best protection against efflorescence.

Loxon Conditioners must be topcoated within 7 days or the surface may need to be re-cleaned.

APPLICATION

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

No reduction necessary.

Brush
 Use a nylon/polyester or foam brush.

Roller
 Use a 3/8" to 3/4" nap synthetic cover.

Spray—Airless
 Pressure..... 700-1000 psi
 Tip..... .015" - .019"

SURFACE PREPARATION

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

New and Previously Painted
 Remove all surface contamination (peeling paint, heavy chalk, efflorescence, laitance, concrete dust, etc.) by washing or pressure 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.

Concrete, Stucco, Block
 All new surfaces must cure for at least 7 days. Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and form release and curing agents.

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



108.20

LOXON[®]
CONDITIONER
A24-100 Series

| <u>SURFACE PREPARATION</u> | | <u>CAUTIONS</u> |
|--|--|--|
| <p>Priming For better performance on masonry, Loxon Masonry Primer will provide a hiding coat with excellent film build. Both can be applied to new or existing concrete with a pH of 6 to 13.</p> <p><u>CLEANUP INFORMATION</u> Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. Flush spray equipment after cleaning with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p> | | <p>For interior and exterior use. Protect from freezing.</p> <p>CAUTION contains CRYSTALLINE SILICA. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. HOTW 01/10/2012 A24W00100 22 00</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.</p> |



**SHERWIN
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| | | |
|--------------------------------|-----|------------------|
| As of 09/22/08, Complies with: | | |
| OTC | Yes | LEED® CIV2.0 N/A |
| SCAQMD | Yes | LEED® NCv2.0 N/A |
| CARB | Yes | LEED® CSv2.0 N/A |
| MPI Spec # | No | LEED® H N/A |
| NAHB | N/A | |



102.10

SUPERPAINT®

EXTERIOR LATEX SATIN

A89-100 SERIES

CHARACTERISTICS

SuperPaint Exterior Latex Satin is our finest quality exterior satin finish. This product is recommended for use on aluminum and vinyl siding, wood siding, clapboard, shakes, shingles, plywood, masonry, and metal down to a surface and air temperature of 35°F.

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

Color: Most colors
Coverage: 350 - 400 sq ft/gal
@ 4 mils wet; 1.44 mils dry

Drying Time, @ 50% RH: temperature and humidity dependent
@ 35-45°F @ 45°F +

Touch: 2 hour 2 hours

Recoat: 24-48 hours 4 hours

Flash Point: N/A

Finish: 10-20 units @ 60°

Tinting with Blend-A-Color:

| Base | oz/gal | Strength |
|-----------------|--------|----------|
| Extra White | 0-6 | 100% |
| Light Yellow | 4-12 | 100% |
| Deep Base | 4-12 | 100% |
| Ultra-deep Base | 4-12 | 100% |

Vehicle Type: Acrylic

A89W01151

VOC (less exempt solvents): 49 g/L; 0.41 lb/gal

Volume Solids: 38 ± 2%

Weight Solids: 49 ± 2%

Weight per Gallon: 10.2 lb

Mildew Resistant

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

SPECIFICATIONS

Aluminum & Aluminum Siding¹

2 cts. SuperPaint Exterior Latex Satin

Concrete Block, CMU, Split face Block

1 ct. Loxon Block Surfacer

2 cts. SuperPaint Exterior Latex Satin

Brick

1 ct. Loxon Conditioner²

2 cts. SuperPaint Exterior Latex Satin

Cement Composition Siding/Panels

1 ct. Loxon Concrete & Masonry Primer²

or Loxon Conditioner²

2 cts. SuperPaint Exterior Latex Satin

Galvanized Steel¹

2 cts. SuperPaint Exterior Latex Satin

Stucco, Cement, Concrete

1 ct. Loxon Concrete & Masonry Primer²

2 cts. SuperPaint Exterior Latex Satin

Plywood

1 ct. Exterior Latex Wood Primer²

2 cts. SuperPaint Exterior Latex Satin

Vinyl Siding

2 cts. SuperPaint Exterior Latex Satin

Wood, Composition Board

1 ct. Exterior Oil-Based Wood Primer

2 cts. SuperPaint Exterior Latex Satin

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

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

SURFACE PREPARATION

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

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

Aluminum and Galvanized Steel

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

Cement Composition Siding/Panels

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

102.10

SUPERPAINT®

EXTERIOR LATEX SATIN

A89-100 SERIES



**SHERWIN
WILLIAMS.**

| <u>SURFACE PREPARATION</u> | <u>SURFACE PREPARATION</u> | <u>CAUTIONS</u> |
|---|--|--|
| <p>Masonry, Concrete, Cement, Block All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Acrylic Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.</p> <p>Steel Rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned.</p> <p>Stucco Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 5-7 days and prime with Loxon Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p> <p>Vinyl Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.</p> <p>Wood, Plywood, Composition Board Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.</p> <p>Caulking Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.</p> | <p>Mildew Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.</p> <p style="text-align: center;"><u>APPLICATION</u></p> <p>When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.</p> <p>Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.</p> <p>No reduction necessary.</p> <p>Brush Use a nylon/polyester brush.</p> <p>Roller Use a 3/8" - 3/4" nap synthetic cover.</p> <p>Spray—Airless Pressure 2000 psi Tip015"-.017"</p> <p style="text-align: center;"><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.</p> <p>Follow manufacturer's safety recommendations when using mineral spirits.</p> | <p>For exterior use only. Protect from freezing. Non-photochemically reactive.</p> <p style="text-align: center;">LABEL CAUTIONS</p> <p>CAUTION contains CRYSTALLINE SILICA, ZINC. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. HOTW 09/22/2008 A89W01151 05 00</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Sheet.</p> |



**Protective
&
Marine
Coatings**

**KEM KROMIK®
UNIVERSAL METAL PRIMER**

B50NZ6 **BROWN**
B50WZ1 **OFF WHITE**
B50AZ6 **GRAY**

Revised 12/11

PRODUCT INFORMATION

2.11

PRODUCT DESCRIPTION

KEM KROMIK UNIVERSAL METAL PRIMER is a rust inhibiting, low VOC, modified phenolic alkyd resin primer designed for use over iron and steel substrates. Can be used as a universal primer under high performance topcoats. Suitable as a barrier coat over conventional coatings which would normally be attacked by strong solvents in high performance coatings.

- High film build to protect sand blasted steel
- Corrosion resistant
- Can be topcoated with epoxies and urethanes
- Low temperature application

PRODUCT CHARACTERISTICS

Finish: Flat
Color: Brown (Red Oxide), Off White, Gray
Volume Solids: 53% ± 2%
Weight Solids: 73% ± 2%
VOC (EPA Method 24): <420 g/L, 3.5 lb/gal

Recommended Spreading Rate per coat:

| | Minimum | Maximum |
|--|-------------------|------------------|
| Wet mils (microns) | 6.0 (150) | 8.0 (200) |
| Dry mils (microns) | 3.0 (75) | 4.0 (100) |
| ~Coverage sq ft/gal (m²/L) | 212 (5.2) | 283 (7.0) |
| Theoretical coverage sq ft/gal (m²/L) @ 1 mil / 25 microns dft | 848 (20.8) | |

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

Drying Schedule @ 6.0 mils wet (150 microns):

| | @ 40°F/4.5°C | @ 77°F/25°C 50% RH | @ 110°F/43°C |
|---|--------------|-----------------------|--------------|
| To touch: | 2 hours | 30 minutes | 15 minutes |
| To handle: | 2.5 hours | 1 hour | 20 minutes |
| To recoat: | | | |
| itself & alkyds | 2.5 hours | 1 hour | 45 minutes |
| high performance/ hot solvent topcoats | 36 hours | 16 hours | 16 hours |
| To cure: | 7 days | 7 days | 7 days |

Note: For maximum adhesion, acrylic topcoats require 48 - 72 hours drying of primer.

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

Shelf Life: 36 months, unopened
Store indoors at 40°F (4.5°C) to 100°F (38°C).
Flash Point: 80°F (27°C), PMCC
Reducer: Not recommended
Clean Up: Xylene R2K4

RECOMMENDED USES

For use over prepared steel.

- Universal primer
- Shopcoat primer
- Barrier coating
- Maintenance primer
- Interior / exterior metal primer
- Structural steel
- Equipment / machinery
- Marine vessels
- Hand rails
- Conforms to AWWA D102, OCS #1
- Suitable for use in USDA inspected facilities
- Conforms to MPI #'s 69, 79, & 95

According to AISC, shop coat primers are intended for protection for only a short period of exposure in ordinary atmospheric conditions, and is considered a temporary and provisional coating.

Not recommended for immersion service or exposure to acids, alkalis, or strong solvents.

PERFORMANCE CHARACTERISTICS

Substrate*: Steel
Surface Preparation*: SSPC-SP6
System Tested*:
1 ct. Kem Kromik Universal @ 3.0 mils (75 microns) dft
*unless otherwise noted below

| Test Name | Test Method | Results |
|---|--|--------------|
| Abrasion Resistance | ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load | 250 mg loss |
| Adhesion | ASTM D4541 | 260 psi |
| Direct Impact Resistance | ASTM D2794 | 70 in. lbs. |
| Dry Heat Resistance | ASTM D2485 | 200°F (93°C) |
| Flexibility | ASTM D522, 180° bend, 1/4" mandrel | Passes |
| Moisture Condensation Resistance | ASTM D4585, 100°F (38°C), 500 hours | Good |
| Pencil Hardness | ASTM D3363 | H |
| Salt Fog Resistance | ASTM B117, 500 hours | Good |
| Thermal Shock | ASTM D2246, 5 cycles | Passes |

Provides performance comparable to products formulated to federal specifications: TT-P-664D.

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**Protective
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B50NZ6 **BROWN**
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PRODUCT INFORMATION

2.11

| RECOMMENDED SYSTEMS | | |
|--|---------------------------------|------------------|
| | Dry Film Thickness / ct. | |
| | Mils | (Microns) |
| Steel, Alkyd Topcoat: | | |
| 1 ct. Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 1-2 cts. Industrial Enamel HS | 2.0-4.0 | (50-100) |
| or WB Industrial Enamel | 1.5-3.0 | (40-75) |
| or Steel Spec Fast Dry Alkyd | 3.0-5.0 | (75-125) |
| Steel, Aluminum Finish: | | |
| 1 ct. Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 1-2 cts. Silver-Brite Aluminum | 1.0-1.5 | (25-40) |
| Steel, Acrylic Topcoat: | | |
| 1 ct. Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 1-2 cts. DTM Acrylic Coating | 2.5-4.0 | (63-100) |
| or Sher-Cryl HPA | 2.5-4.0 | (63-100) |
| Steel, Epoxy Topcoat: | | |
| 1 ct. Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 1-2 cts. Tile-Clad HS Epoxy | 2.5-4.0 | (63-100) |
| Steel, Polyurethane Topcoat: | | |
| 1 ct. Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 1-2 cts. Hi-Solids Polyurethane | 3.0-4.0 | (75-100) |
| or Polylon HP Polyurethane | 2.0-3.0 | (50-75) |
| Steel, Silicone Alkyd Topcoat: | | |
| 1 ct. Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 1-2 cts. Steel Master 9500 | 2.5-4.0 | (63-100) |
| Steel, Water Based Epoxy Topcoat: | | |
| 1 ct. Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 1-2 cts. Water Based Catalyzed Epoxy | 2.5-4.0 | (63-100) |
| or Waterbased Tile Clad Epoxy | 2.0-4.0 | (50-100) |

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

DISCLAIMER

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

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:
Iron & Steel: SSPC-SP2

| Surface Preparation Standards | | | | |
|--------------------------------------|----------------------|------------------------|----------|--------|
| Condition of Surface | ISO 8501-1 BS7079:A1 | Swedish Std. SIS055900 | SSPC | NACE |
| White Metal | Sp 5 | Sp 5 | SSPC 5 | NACE 1 |
| Near White Metal | Sp 3 | Sp 3 | SSPC 3 | NACE 2 |
| Commercial Blast | Sp 2.5 | Sp 2.5 | SSPC 2.5 | NACE 3 |
| Brush-Off Blast | Sp 2 | Sp 2 | SSPC 2 | NACE 4 |
| Hand Tool Cleaning | Sp 1 | Sp 1 | SSPC 1 | NACE 5 |
| Rusted | Sp 1 | Sp 1 | SSPC 1 | NACE 5 |
| Pitted & Rusted | Sp 1 | Sp 1 | SSPC 1 | NACE 5 |
| Power Tool Cleaning | Sp 1 | Sp 1 | SSPC 1 | NACE 5 |
| Pitted & Rusted | Sp 1 | Sp 1 | SSPC 1 | NACE 5 |

TINTING

Do not tint.

APPLICATION CONDITIONS

Temperature: 40°F (4.5°C) minimum, 120°F (49°C) maximum (air, surface, and material)
At least 5°F (2.8°C) above dew point
Relative humidity: 85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging: 1 gallon (3.78L) and 5 gallon (18.9L) containers
Weight: 12.5 ± 0.35 lb/gal 1.5 Kg/L

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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B50NZ6 **BROWN**
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B50AZ6 **GRAY**

Revised 12/11

APPLICATION BULLETIN

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SURFACE PREPARATIONS

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

Iron & Steel

Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils / 50 microns). Prime any bare steel within 8 hours or before flash rusting occurs.

Previously Painted Surfaces

If in sound condition, clean the surface of all foreign material. Smooth, hard, or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, or if this product attacks the previous finish, removal of the previous coating may be necessary. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

As a "Barrier" Coat:

If it is necessary to topcoat a previously painted surface with chemically resistant or strong solvent topcoats, Kem Kromik Universal Metal Primer can be used as a barrier coat to prevent lifting. Apply a coat of Kem Kromik Universal Metal Primer to a small area to test for adhesion or bleeding. If there is evidence of either poor adhesion or bleeding, clean surface to bare substrate and apply recommended system.

APPLICATION CONDITIONS

Temperature: 40°F (4.5°C) minimum, 120°F (49°C) maximum
(air, surface, and material)
At least 5°F (2.8°C) above dew point
Relative humidity: 85% maximum

APPLICATION EQUIPMENT

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

Reducer Not recommended

Clean Up Xylene, R2K4

Airless Spray

Pressure.....1800-3000 psi
Hose.....1/4" ID
Tip......015" - .019"
Filter.....60 mesh

Conventional Spray

Gun.....Binks 95
Fluid Nozzle.....63C
Air Nozzle.....63PB
Atomization Pressure.....50 psi
Fluid Pressure.....15-20 psi

Brush

Brush..... Natural Bristle

Roller

Cover.....3/8" woven solvent resistant core

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

Surface Preparation Standards

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

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**Protective
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Coatings**

**KEM KROMIK®
UNIVERSAL METAL PRIMER**

B50NZ6 **BROWN**
B50WZ1 **OFF WHITE**
B50AZ6 **GRAY**

APPLICATION BULLETIN

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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

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

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

Recommended Spreading Rate per coat:

| | Minimum | Maximum |
|--|-------------------|------------------|
| Wet mils (microns) | 6.0 (150) | 8.0 (200) |
| Dry mils (microns) | 3.0 (75) | 4.0 (100) |
| ~Coverage sq ft/gal (m²/L) | 212 (5.2) | 283 (7.0) |
| Theoretical coverage sq ft/gal (m²/L) @ 1 mil / 25 microns dft | 848 (20.8) | |

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

Drying Schedule @ 6.0 mils wet (150 microns):

| | @ 40°F/4.5°C | @ 77°F/25°C | @ 110°F/43°C |
|---|---------------|-------------|--------------|
| | 50% RH | | |
| To touch: | 2 hours | 30 minutes | 15 minutes |
| To handle: | 2.5 hours | 1 hour | 20 minutes |
| To recoat: | | | |
| itself & alkyds | 2.5 hours | 1 hour | 45 minutes |
| high performance/ hot solvent topcoats | 36 hours | 16 hours | 16 hours |
| To cure: | 7 days | 7 days | 7 days |

Note: For maximum adhesion, acrylic topcoats require 48 - 72 hours drying of primer.

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

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

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with Xylene, R2K4. Clean tools immediately after use with Xylene, R2K4. Follow manufacturer's safety recommendations when using any solvent.

DISCLAIMER

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PERFORMANCE TIPS

Stripe coat all crevices, welds, and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

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

No reduction of material is recommended as it can affect film build, appearance, and adhesion.

Intimate contact with the steel surface and primer is necessary for adequate rust inhibition and adhesion.

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

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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WARRANTY

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Protective & Marine Coatings

INDUSTRIAL ENAMEL

B54 SERIES

Revised 10/10

PRODUCT INFORMATION

2.15

PRODUCT DESCRIPTION

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

- Dries fast and allows equipment to be placed back in service quickly
- Impact and abrasion resistant
- Chip and flake resistant
- High gloss makes it resistant to dirt
- Apply down to 40°F (4.5°C)
- Good exterior durability
- Excellent application properties

PRODUCT CHARACTERISTICS

| | |
|--------------------------|--|
| Finish: | Gloss |
| Color: | Wide range of colors available including safety colors |
| Volume Solids: | 43% ± 2%, may vary by color |
| Weight Solids: | 58% ± 2%, may vary by color |
| VOC (calculated): | <450 g/L; 3.75 lb/gal |

Recommended Spreading Rate per coat:

| | Minimum | Maximum |
|--|------------|-----------|
| Wet mils (microns) | 4.5 (112) | 9.0 (225) |
| Dry mils (microns) | 2.0 (50) | 4.0 (100) |
| ~Coverage sq ft/gal (m²/L) | 175 (4.3) | 350 (8.6) |
| Theoretical coverage sq ft/gal (m²/L) @ 1 mil / 25 microns dft | 690 (16.9) | |

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

Drying Schedule @ 4.6 mils wet (115 microns):

| | @ 50°F/10°C | @ 77°F/25°C 50% RH | @ 110°F/43°C |
|-------------------|-------------|-----------------------|--------------|
| To touch: | 3 hours | 1-2 hours | 30 minutes |
| Tack free: | 8 hours | 4-5 hours | 4 hours |
| To recoat: | 12 hours | 8 hours | 3 hours |
| To cure: | 7 days | 7 days | 3 days |

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

| | |
|---------------------|---|
| Shelf Life: | 36 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C). |
| Flash Point: | 101°F (38°C), PMCC |
| Reducer: | Not recommended |
| Clean Up: | Mineral Spirits, R1K4 |

RECOMMENDED USES

For use over prepared substrates in industrial environments:

- Exterior/interior all-purpose maintenance enamel
- Safety and pipe marking enamel
- Economical machinery and equipment finish
- Interior wall and ceiling enamel
- Equipment
 - Fixtures
 - Conveyors
- Fire escapes
 - Window frames
 - Pumps
- Safety markings
 - Wood floors
 - Railings
- Steel supports
 - Blowers
 - Pipe racks
- Channels
 - Pipe identification
 - Bracing
- Conforms to AWWA D102, OCS #1
- Acceptable for use in high performance architectural applications.
- Suitable for use in USDA inspected facilities

PERFORMANCE CHARACTERISTICS

Substrate*: Steel

Surface Preparation*: SSPC-SP6/NACE 3

System Tested*:

1 ct. Kern Kromik Universal Metal Primer @ 3.0-4.0 mils (75-100 microns) dft

1 ct. Industrial Enamel @ 3.0 mils (75 microns) dft

*unless otherwise noted below

| Test Name | Test Method | Results |
|---|--|--|
| Abrasion Resistance (topcoat only) | ASTM D4060, CS17 wheel, 1000 cycles, 1 kg load | 180 mg loss |
| Adhesion | ASTM D4541 | 290 psi |
| Corrosion Weathering | ASTM D5894, 6 cycles, 2016 hours | Rating 10 per ASTM D610 for rusting ; Rating 10 per ASTM D714 for blistering |
| Direct Impact Resistance | ASTM D2794 | 68 in. lbs. |
| Dry Heat Resistance | ASTM D2485 | 200°F (93°C) |
| Flexibility | ASTM D522, 180° bend, 3/16" mandrel | Passes |
| Pencil Hardness | ASTM D3363 | 3B |

Provides performance comparable to products formulated to federal specifications:

DOD-E-115C
MIL-E-15090

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Protective & Marine Coatings

INDUSTRIAL ENAMEL

B54 SERIES

PRODUCT INFORMATION

2.15

RECOMMENDED SYSTEMS

| | | Dry Film Thickness / ct. | |
|--|--|--------------------------|-----------|
| | | Mils | (Microns) |
| Steel: | | | |
| 1 ct. | Kem Kromik Universal Metal Primer | 3.0-4.0 | (75-100) |
| 2 cts. | Industrial Enamel | 2.0-4.0 | (50-100) |
| Aluminum: | | | |
| 1 ct. | DTM Wash Primer | 0.7-1.3 | (18-32) |
| 2 cts. | Industrial Enamel | 2.0-4.0 | (50-100) |
| Concrete Block: | | | |
| 1 ct. | Heavy Duty Block Filler | 10.0-18.0 | (250-450) |
| 2 cts. | Industrial Enamel | 2.0-4.0 | (50-100) |
| Concrete Floors: | | | |
| 1 ct. | Concrete and Terrazzo Sealer (reduced as needed) | | |
| 2 cts. | Industrial Enamel | 2.0-4.0 | (50-100) |
| Galvanized Metal: | | | |
| 1 ct. | Galvite HS | 3.0-4.5 | (75-112) |
| 2 cts. | Industrial Enamel | 2.0-4.0 | (50-100) |
| Wood, including floors: | | | |
| 2 cts. | Industrial Enamel | 2.0-4.0 | (50-100) |
| Interior Plaster and Poured Concrete Walls: | | | |
| 1 ct. | PrepRite Masonry Primer | 3.0 | (75) |
| 2 cts. | Industrial Enamel | 2.0-4.0 | (50-100) |

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

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SURFACE PREPARATION

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

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

- * Iron & Steel: SSPC-SP2
- * Aluminum: SSPC-SP1
- * Galvanizing: SSPC-SP1
- * Concrete & Masonry: SSPC-SP13/NACE 6 or ICRi No. 310.2, CSP 1-3
- * Wood, interior: Clean, smooth, dust free

*Primer required

Surface Preparation Standards

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

TINTING

Tint with Blend-A-Color Toner or Maxitoner Colorant at 75% strength. Five minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

APPLICATION CONDITIONS

Temperature: 40°F (4.5°C) minimum, 120°F (49°C) maximum (air, surface, and material)
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging: 1 gallon (3.78L) and 5 gallon (18.9L) containers

Weight: 8.82 ± 0.2 lb/gal, 1.06 Kg/L
may vary with color

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

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

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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Protective & Marine Coatings

INDUSTRIAL ENAMEL

B54 SERIES

Revised 10/10

APPLICATION BULLETIN

2.15

SURFACE PREPARATIONS

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

Iron & Steel

Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils / 50 microns). Prime any bare steel within 8 hours or before flash rusting occurs.

Aluminum

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

Galvanized Steel

Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1 (recommended solvent is VM&P Naphtha). When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP7 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned. Primer required.

Masonry and Concrete

For surface preparation, refer to SSPC-SP13/NACE 6 or ICRI No. 310.2, CSP 1-3. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F. 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. Fill bug holes, air pockets and other voids with a cement patching compound. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Laitance must be removed. Primer required.

Wood

Surface must be clean, dry, and sound. Paint as soon as possible. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed. All nail holes or small openings must be properly caulked. Sand to remove any loose or deteriorated surface wood and to obtain a proper surface profile. Self priming.

Previously Painted Surfaces

If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

Surface Preparation Standards

| Condition of Surface | ISO 8501-1 S7079:A1 | Swedish Std. SIS055900 | SSPC | NACE |
|------------------------|------------------------|---------------------------|-------|------|
| White Metal | Sa 3 | Sa 3 | SP 5 | 1 |
| Near White Metal | Sa 2.5 | Sa 2.5 | SP 6 | 2 |
| Commercial Blast | Sa 2 | Sa 2 | SP 7 | 3 |
| Brush-Off Blast | Sa 1 | Sa 1 | SP 8 | 4 |
| Hand Tool Cleaning | DC 2/1 | DC 2/1 | SP 9 | 4 |
| Rusted Pitted & Rusted | DC 2/2 | DC 2/2 | SP 10 | 4 |
| Rusted | DC 2/3 | DC 2/3 | SP 11 | 4 |
| Power Tool Cleaning | DC 3/3 | DC 3/3 | SP 12 | 4 |
| Rusted Pitted & Rusted | D St 3 | D St 3 | SP 13 | 4 |

APPLICATION CONDITIONS

Temperature: 40°F (4.5°C) minimum, 120°F (49°C) maximum (air, surface, and material)
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

APPLICATION EQUIPMENT

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

Reducer Not recommended

Clean Up Mineral Spirits, R1K4

Airless Spray

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

Conventional Spray

GunBinks 95
Fluid Nozzle66
Air Nozzle.....63PB
Atomization Pressure.....50 psi
Fluid Pressure.....20-25 psi

Brush

Brush.....Natural Bristle

Roller

Cover3/8" woven solvent resistant core

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

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continued on back



Protective & Marine Coatings

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APPLICATION BULLETIN

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APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

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

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

Recommended Spreading Rate per coat:

| | Minimum | Maximum |
|---|------------|-----------|
| Wet mils (microns) | 4.5 (112) | 9.0 (225) |
| Dry mils (microns) | 2.0 (50) | 4.0 (100) |
| ~Coverage sq ft/gal (m ² /L) | 175 (4.3) | 350 (8.6) |
| Theoretical coverage sq ft/gal (m ² /L) @ 1 mil / 25 microns dft | 690 (16.9) | |

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

Drying Schedule @ 4.6 mils wet (115 microns):

| | @ 50°F/10°C | @ 77°F/25°C 50% RH | @ 110°F/43°C |
|------------|-------------|-----------------------|--------------|
| To touch: | 3 hours | 1-2 hours | 30 minutes |
| Tack free: | 8 hours | 4-5 hours | 4 hours |
| To recoat: | 12 hours | 8 hours | 3 hours |
| To cure: | 7 days | 7 days | 3 days |

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

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

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with Mineral Spirits, R1K4. Clean tools immediately after use with Mineral Spirits, R1K4. Follow manufacturer's safety recommendations when using any solvent.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

PERFORMANCE TIPS

Stripe coat all crevices, welds, and sharp angles to prevent early failure in these areas.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle

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

No reduction of material is recommended as it can affect film build, appearance, and adhesion.

In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Mineral Spirits, R1K4.

Deep tinted colors may exhibit burnishing characteristics.

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

SAFETY PRECAUTIONS

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COST SCHEDULE

THIS SHEET MUST BE COMPLETED AND RETURNED WITH BID

Material and Labor (For December 2013 Start)

\$ _____

Length of Project from Required Permitting / Notice to Proceed

Material and Labor (For June 2014 Start)

\$ _____

Length of Project from Required Permitting / Notice to Proceed

CONTACT INFORMATION

Company Representative Signatures: _____

Printed Name and Title: _____

Company Name: _____

Address: _____

Telephone: _____

Email: _____

Number of Years of Esperance in Commercial Painting Application:

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