

**SUBJECT:** Interlocal Agreement with the City of Sanford-Façade Improvements

**DEPARTMENT:** Planning and Development **DIVISION:** Community Resources

**AUTHORIZED BY:** Donald Fisher **CONTACT:** Robert Heenan **EXT.** 7380

**Agenda Date:** 11/26/2002 **Regular**  **Consent**  **Work Session**  **Briefing**   
**Public Hearing – 1:30**  **Public Hearing – 7:00**

**MOTION/RECOMMENDATION:**

Approve and authorize the Chairman to execute an Interlocal Agreement with the City of Sanford for facade improvements in the Goldsboro area of the City of Sanford.

(District 5-McLain) (Robert Heenan, HUD Grants Manager)

**BACKGROUND:**

On 10/10/00 the Board approved an Interlocal Agreement with the City of Sanford for CDBG funded façade improvements to businesses located on 13<sup>th</sup> Street and for signage and landscaping in designated areas of the Goldsboro area in the City of Sanford.

The Interlocal Agreement expired on 3/31/02 with the signage and landscaping completed. Since then the project has been redesigned and specified commercial buildings have been designated for façade improvement.

CD Office Staff has been meeting with representatives from the City of Sanford since March and the scope of work and the performance schedule for a successful completion of this project have been mutually agreed upon by the City and by County CD Staff.

Staff recommends and the Board is requested to execute the attached Interlocal Agreement.

Reviewed by:  
Co Atty: RJC  
DFS: \_\_\_\_\_  
Other: \_\_\_\_\_  
DCM: SE  
CM: AB  
  
File No. -cpdc04

**SEMINOLE COUNTY/CITY OF SANFORD  
INTERLOCAL AGREEMENT  
COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM  
PROGRAM YEAR 2002-2003**

**THIS AGREEMENT**, entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2002, by and between **SEMINOLE COUNTY**, a political subdivision of the State of Florida, whose address is 1101 East First Street, Sanford, Florida 32771, hereinafter referred to as "COUNTY," for the use and benefit of its Community Development Block Grant (CDBG) Program and the **CITY OF SANFORD**, a Florida municipal corporation, whose mailing address is Post Office Box 1788, Sanford, Florida 32722-1788, hereinafter referred to as "SANFORD."

**WHEREAS**, COUNTY made application effective October 1, 2002, and entered into a contract with the United States Department of Housing and Urban Development, hereinafter referred to as "HUD," pursuant to Title I, Housing and Community Development Act of 1974, as amended, and implementing regulations set forth in 24 Code of Federal Regulations (CFR) Part 570; and

**WHEREAS**, SANFORD shall provide for professional construction administration services for engineering and design consultants and construction services to improve the facades of businesses located on West 13<sup>th</sup> Street in Sanford, Florida as described hereinbelow to benefit low and moderate income residents of Seminole County, Florida; and

**WHEREAS**, the COUNTY has deemed that this service serves a COUNTY purpose; and

**WHEREAS**, the COUNTY has allocated CDBG funds for community development activities provided by SANFORD,

**NOW, THEREFORE**, in consideration of the mutual covenants, promises and representations contained herein and other good and valuable

consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

**Section 1. Recitals.** The above recitals are true and form a material part of the Agreement upon which the parties have relied.

**Section 2. Definitions.**

(a) "CR Administrator" means the Seminole County Community Resources Division Manager.

(b) "CDBG Program" means the Seminole County CDBG Program.

(c) "CDBG Regulations" means 24 CFR Part 570 and supplemental, additional or successor provisions.

(d) "County Approval" means written approval by the Planning and Development Director, Community Resources Division Manager or their designee.

(e) "Low and Moderate Income" means gross household income not to exceed eighty percent (80%) of the median family income within the Orlando Metropolitan Statistical Area during the Agreement.

(f) "Planning Department" means the COUNTY's Planning and Development Department Director or his designee for the Community Development Office.

**Section 3. Statement of Work.**

(a) SANFORD, in a manner satisfactory to the COUNTY, shall perform all services described or referred to in Exhibit "A," General Scope of Services, attached hereto and incorporated herein by reference. Such services shall be performed, except as otherwise specifically stated herein, by persons or instrumentalities solely under the dominion and control of SANFORD.

(b) The parties recognize and agree that the purpose of this Agreement is to remit to SANFORD the cost of providing engineering,

design and construction administration services for the items budgeted in Exhibit "B" attached hereto and incorporated herein for facade improvements in SANFORD to benefit low and moderate income persons. The parties further recognize and agree that the Agreement is directly related to the implementation of the CDBG program. Where service expenses are authorized by the COUNTY as set forth in Exhibit "B", those expenses shall be specifically itemized by the hours or dollars expended or as otherwise required by applicable laws, rules and regulations. All hours charged by staff and direct expenses shall be specifically and directly related to SANFORD's implementation of the CDBG activity funded under this Agreement.

**Section 4. Term.** The COUNTY shall reimburse SANFORD for the services described in Exhibit "A" and Exhibit "B", performed by SANFORD up to the limits set forth in Section 5. All such services shall be performed by SANFORD in accordance with applicable requirements of HUD with reimbursement contingent thereupon. SANFORD shall perform all services described in Exhibit "A," from November 26, 2002 through September 30, 2003, unless the Agreement is otherwise amended or extended by written agreement of the parties as provided hereunder. The Agreement shall be effective upon execution by both parties. Any requirements set forth in Sections 6, 13, 14, 18 and 22 hereunder shall survive the term of the Agreement as a whole.

**Section 5. Consideration and Limitation of Costs.** The COUNTY shall reimburse SANFORD for costs, in accordance with this Agreement and 24 CFR part 570, in an amount not to exceed SIXTY-FIVE THOUSAND AND NO/100 DOLLARS (\$65,000.00) for the services described in Exhibit "A" and Exhibit "B".

**Section 6. Payments.**

(a) Payment to SANFORD shall be on a reimbursement basis limited to the items budgeted in Exhibit "B". Payment may also be made directly to the vendor, pursuant to the conditions set forth in subsection (b) below.

(b) SANFORD shall submit to the COUNTY by the fifteenth (15th) day of each month during the term hereof, the following:

1. A statement of all costs of services for the period from commencement through the end of the report period for which the statement is submitted;

2. A statement of all costs of services for the current report period, categorized by budget line item and consistent with Exhibit "B;"

3. An invoice and copies of receipts or other acceptable documentation issued for payment of any expense. However, if reimbursement is sought for salaries to SANFORD's employees, a copy of the payroll shall be acceptable in lieu of copies of canceled payroll checks;

4. Copies of daily time distribution records in support of stated salary expenses. Records shall reflect the case and type of work performance and specific program for which the work was performed.

(c) Upon receipt of the documentation as listed above, the COUNTY shall initiate the payment process. Reimbursement to SANFORD shall be made as soon as practicable; provided, however, that if SANFORD has performed services in full compliance with all HUD requirements, payment shall be made by the COUNTY to SANFORD within thirty (30) days of receipt of documentation by the COUNTY.

(d) All disbursements by SANFORD must be fully documented to the COUNTY and available, upon request, for all inspection or audit in accordance with the provisions of Section 13 below.

(e) Within forty-five (45) days after completion of all services to be performed, SANFORD shall render a final and complete statement to the COUNTY of all costs and charges to services not previously invoiced. The COUNTY shall not be responsible for payment of any charges, claims or demands of SANFORD not received within said forty-five (45) day period. However, such time may be extended in writing, at COUNTY's discretion, not to exceed a period of ninety (90) days, provided the delay in submission is not occasioned by any fault or negligence of SANFORD, as determined by the COUNTY.

**Section 7. Uniform Administrative Requirements.** In addition to all other Federal, State and local requirements for the performance of the Agreement, SANFORD shall comply with the requirements set forth in 24 CFR Part 85 "Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments," OMB Circular No. A-102, "Grants and Cooperative Agreements with State and Local Governments," and OMB Circular No. A-87, "Cost Principles for State and Local Governments."

**Section 8. Compliance with other Program Requirements.**

(a) During the Agreement, SANFORD shall comply with all Federal laws, rules, regulations, directives and orders described in 24 CFR 570 Subpart K and the regulations listed below which by reference are incorporated herein and made a part hereof.

1. 24 CFR Part 1 - The regulations promulgated pursuant to Title VI, 1964 Civil Rights Act, Public Law 88-352.

2. Title VII, 1968 Civil Rights Act as amended by the Equal Employment Opportunity Act of 1972 ("Act") - Prohibits discrimination in employment.

3. Title VIII, 1968 Civil Rights Act, Public Law 90-284 - The Fair Housing Act requires HUD to administer the activities and programs relating to housing and urban development in a manner that affirmatively furthers fair housing.

4. 24 CFR Part 107 - Implementing Executive Order 11063, as amended by Executive Order 12259, which directs HUD to take all action necessary to prevent discrimination because of race, color, religion (creed), sex, or national origin in the sale, lease, rental, or other disposition of residential property and related facilities when provided in whole, or in part, with Federal assistance.

5. Section 109 of the Act - Requires that no person shall, on the ground of race, color, national origin or sex be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity funded in whole or in part with community development funds. Section 109 of the Act further prohibits against discrimination on the basis of age under the Age Discrimination Act of 1973, or with respect to an otherwise qualified handicapped person as provided in Section 504, Rehabilitation Act of 1973.

6. Section 110, Labor Standards - Required compliance with the *Davis-Bacon Act*, as amended, pursuant to 29 CFR parts 3.5 and 5a; and the Contract Work Hours and Safety Standards Act, where applicable.

7. National Flood Disaster Act - Governs participation in the National Flood Insurance Program, pursuant to Section 202(a) of said Act.

8. Uniform Relocation Assistance ("URA") and Real Property Acquisition Policies Act of 1970 ("Real Property Act"), HUD implementing regulations at 24 CFR Part 43 and Section 104 of the Act, - Provides for the protection of individual rights when affected, by relocation acquisition and displacement activities.

9. Executive Order 11246, as amended by Executive Order 12086, - Provides that no person should be discriminated against on the basis of race, color, religion, sex or national origin in all phases of employment during the performance of Federally assisted construction contracts.

10. Section 3, Housing and Urban Development Act of 1968 - Requires HUD recipients to provide, to the greatest extent feasible, opportunities for training and employment to very low income persons.

11. Lead-Based Paint Poisoning Prevention Act - Prohibits the use of lead-based paint and provides for the elimination of lead-based paint in all residential structures constructed or rehabilitated with Federal Assistance.

12. 24 CFR part 24 - Provides that assistance shall not be used directly or indirectly to employ, award contracts to, or otherwise engage the services of, or fund any contractor or SANFORD during any period of debarment, suspension, placement in ineligibility status under the provisions of 24 CFR part 24.

13. Conflict of Interest - Provides that compliance with the provisions of 24 CFR Part 84.42, 24 CFR Part 570.611 and OMB Circular A-110 is mandatory.

14. 24 CFR Part 570 - Provides for compliance with regulations regarding the CDBG Program.

b. SANFORD shall neither assume the COUNTY's environmental responsibilities, as described in 24 CFR Part 570.604, nor the COUNTY's responsibilities for initiating the review process pursuant to the provisions of Executive Order 12372 and 24 CFR Part 52. However, the aforesaid shall neither exempt SANFORD from performing site-specific reviews in accordance to the COUNTY's Environmental Review Monitoring Strategy nor release SANFORD from any environmental pollution that it may cause or have caused and SANFORD shall assume full liability therefor.

**Section 9. Compliance with Local and State Laws.** During the Agreement, SANFORD shall comply with all applicable State and local laws, regulations and ordinances, which by reference are incorporated herein and made a part hereof, including, but not limited to, the following:

(a) Chapter 112, Florida Statutes - Governing conflicts of interest.

(b) Administrative Procedures - Procedures which may be issued by the Planning Department for implementation of the COUNTY's CDBG Program.

(c) SANFORD shall comply with the "Local Relocation and Antidisplacement Policy" as adopted by the COUNTY. Should SANFORD's performance during this Agreement necessitate, as determined by applicable Federal regulations, compliance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 49 CFR Part 24, as amended, SANFORD shall immediately notify the COUNTY accordingly. Upon such notification the COUNTY shall implement and administer all requirements of said Act pursuant to this Agreement. The parties agree that should the aforementioned occur, the COUNTY shall use

funds budgeted in Exhibit "B" to pay for any relocation and displacement costs required hereunder

**Section 10. Prior Written Approvals - Summary.** The following includes, but is not necessarily all inclusive of, activities requiring the prior written approval of the COUNTY for reimbursement or payment:

(a) Initiation of new activities not covered by the Agreement and changes in the location of, or deletion of, any activity.

(b) All change orders to the Agreement.

(c) Requests to utilize remaining funds should a surplus remain after the work is substantially complete.

**Section 11. Project Publicity.** Any news release, project sign, or other type of publicity pertaining to the project, described herein shall recognize the Seminole County Board of County Commissioners as the recipient funded by HUD and providing funds to SANFORD.

**Section 12. Management Assistance.** The Community Resources Division Manager or his/her designee shall be available to SANFORD to provide guidance on CDBG requirements.

**Section 13. Maintenance of Records.**

(a) SANFORD shall, at a minimum, maintain all records required by Federal, State and local laws, rules and regulations.

(b) SANFORD shall maintain all records, including accounts and property and personnel records, as deemed necessary by the COUNTY or considered a sound business practice to ensure proper accounting of all project funds and compliance with the Agreement.

(c) SANFORD shall maintain financial records required by Federal regulations in addition to financial records relative to the following matters:

1. Items purchased and paid for through standard SANFORD procedures: invoices and copies of canceled checks.

2. Agreements: the contract, billings and copies of canceled checks.

3. Force account construction: records indicating name, position, number of hours and total labor costs.

4. Any materials drawn from a stockpile: records indicating amount of material and cost thereof based on the purchase price.

5. Employees paid from grant funds: personnel and payroll data together with documentation that each employee was, in fact, working on related projects funded hereunder.

6. Capital expenditures in excess of THREE HUNDRED AND NO/100 DOLLARS (\$300.00): description, model, serial number and date and cost of acquisition.

(d) SANFORD shall perform or cause to be performed an annual audit of its activities and funds in accordance with OMB Circular A-133 "Audits of States, Local Governments and Non-Profit Organizations". Copies of all audits relating to the use of CDBG funds shall be provided to the CR Manager in a timely manner.

(e) All records and contracts, of whatsoever type or nature, required by the Agreement shall be available for audit, inspection and copying in accordance with Chapter 119, Florida Statutes. The COUNTY shall have the right to obtain and inspect any audit pertaining to the performance of the Agreement made by any Federal, State or local agency. SANFORD shall retain all records and supporting documentation applicable to the Agreement for a minimum of five (5) years after resolution of the final audit and in accordance with Florida law.

**Section 14. Reporting Requirements.** SANFORD shall fully complete and provide to the Community Resources Division Manager monthly reports utilizing the "Request for Funds Reimbursement Report," attached hereto and incorporated herein as Exhibit "C." Additionally, SANFORD shall complete and provide to the Community Resources Division Manager a monthly report, attached hereto and incorporated herein as Exhibit "D," summarizing the number of active projects under construction, all bid information and construction summaries. SANFORD shall provide the monthly reports as part of the financial reimbursement process no later than the fifteenth (15th) day of each month. Failure by SANFORD to submit a monthly report (Exhibit "D") shall entitle the COUNTY to withhold payment on any future Request For Funds Reimbursement Reports submitted by SANFORD until the required monthly report is submitted as mandated herein. Further, SANFORD shall fully complete and provide to the Community Resources Division Manager, in a timely manner, an "End of Year Report," attached hereto and incorporated herein as Exhibit "E." The COUNTY shall have access to and be provided copies and transcripts of any records necessary in the sole determination of the COUNTY or HUD to accomplish this obligation.

**Section 15. Non-Expendable Property.** Any non-expendable personal property acquired by SANFORD to perform the projects herein and approved by the COUNTY as set forth in Section 10 herein, shall be subject to all Federal, State and local regulations, including, but not limited to, the provisions on use and disposition of property. At the termination of this Agreement, any grant-funded non-expendable personal property shall be made available to the COUNTY and HUD in accordance with the aforesaid provisions.

**Section 16. Liability.** Except for reimbursement as specifically set forth herein, the COUNTY shall not be liable to any person, firm, entity or corporation in connection with the services SANFORD has agreed to perform hereunder, or for debts or claims accruing to such parties against SANFORD. The Agreement shall not create a contractual relationship, either express or implied, between COUNTY and any other person, firm, or corporation supplying any work, labor, services, goods or materials to SANFORD as a result of services to COUNTY hereunder.

**Section 17. Subcontracts.** All contracts made by SANFORD to perform the activities described in Exhibit "A" shall comply with all applicable laws, rules and regulations set forth in the Agreement. Any additional work or services subcontracted hereunder by SANFORD shall be specified in writing and subject to the Agreement.

**Section 18. Indemnification.**

(a) To the extent permitted by law, SANFORD shall defend, hold harmless and indemnify the COUNTY from and against any and all liability, loss, claims, damages, costs, attorney's fees and expenses of whatsoever kind, type, or nature which the COUNTY may sustain, suffer or incur or be required to pay by reason of the loss of any monies paid to SANFORD or whomsoever, resulting out of SANFORD's fraud, defalcation, dishonesty, or failure of SANFORD to comply with applicable laws or regulations; or by reason or as a result of any act or omission of SANFORD in the performance of the Agreement or any part thereof; or by reason of a judgment over and above the limits provided by the insurance required hereunder or by any defect in the construction of the project; or as may otherwise result in any way or instance whatsoever arising from this Agreement.

(b) In the event that any action, suit or proceeding is brought against the COUNTY upon any alleged liability arising out of the Agreement, or any other matter relating to this Agreement, the COUNTY shall promptly provide notice in writing thereof to SANFORD by registered or certified mail addressed to SANFORD at the address provided hereinafter. Upon receiving such notice, SANFORD, at its own expense and to the extent permitted by law, shall diligently defend against such action, suit or proceeding and take all action necessary or proper to prevent, to the extent practicable, the obtaining of a judgment against the COUNTY. The COUNTY shall cooperate to a reasonable extent in SANFORD's defense of any such action, suit or proceeding.

**Section 19. Insurance.** SANFORD shall ensure that its insurance coverage or self-insurance program, or the insurance coverage of its contracted agents is adequate and sufficient for the activities performed pursuant to the Agreement. SANFORD shall ensure that the insurance requirements imposed on all contractors conform to and comply with all applicable Federal, State and local regulations.

**Section 20. Non-Assignability.** Neither party shall assign the Agreement without the prior written consent of the other.

**Section 21. Headings.** All articles and descriptive headings of paragraphs in this Agreement are inserted for convenience only and shall not affect the construction or interpretation hereof.

**Section 22. Program Income.**

(a) In the event that any program income (returned funds) is received by SANFORD during the Agreement, SANFORD shall return such income to the COUNTY.

(b) If any program income (returned funds) is received by SANFORD after expiration of the Agreement or at the end of the year when all

remaining items have been budgeted, the program income shall be returned to the COUNTY for proper accounting in the CDBG fund.

**Section 23. Reallocation of Funds.** In the event that SANFORD receives construction bids, engineering bids, design bids or financial estimates of a similar nature that entail a lower cost than the CDBG funds allocated toward that particular project, the excess funds shall be returned to the Community Resources Division Manager within thirty (30) days of the bid acceptance and shall be reallocated by Seminole County for use in other CDBG projects.

**Section 24. Suspension and Termination.** In accordance with 24 CFR Parts 84.60 -.62, the COUNTY may immediately suspend or terminate any term or condition hereunder. Notice thereof shall be provided pursuant to the Agreement. The Agreement may also be terminated for convenience in accordance with 24 CFR part 85.44, providing for termination for mutual convenience, or partial termination for specified reasons. The Agreement may also be terminated immediately by the COUNTY for cause.

**Section 25. Reversion of Assets.** Upon expiration of the Agreement, SANFORD shall transfer to the COUNTY any remaining CDBG funds and any accounts receivable attributable to the use of CDBG funds. Any real property controlled by SANFORD and acquired or improved in whole, or in part, with CDBG funds in excess of TWENTY-FIVE THOUSAND AND NO/100 DOLLARS (\$25,000.00) shall be governed by 24 CFR 84.34(g).

**Section 26. Certification Regarding Lobbying.** SANFORD hereby certifies, by examination of the Agreement, that, to the best of its knowledge and belief:

(a) No Federally appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing

or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(b) If any funds other than Federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or any employee of a member of Congress in connection with this Agreement, SANFORD shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

**Section 27. Notice.** Whenever either party desires to give notice unto the other, notice may be sent to:

For COUNTY

Community Resources Division Manager  
Community Development Office  
Seminole County Services Building  
1101 East First Street  
Sanford, Florida 32771

For SANFORD

City Manager  
City of Sanford  
Post Office Box 1788  
Sanford, Florida 32772-1788

Either of the parties may change, by written notice as provided herein, the address or person for receipt of notice.

**Section 28. Conflict of Interest.**

(a) SANFORD agrees that it will not engage in any action that would create a conflict of interest in the performance of its obligations pursuant to the Agreement with the COUNTY or which would violate or cause others to violate the provisions of Part III, Chapter 112, Florida Statutes, relating to ethics in government.

(b) SANFORD hereby certifies that no officer, agent or employee of the COUNTY has any material interest (as defined in Section 112.312(15), Florida Statutes, as over 5%) either directly or indirectly, in the business of SANFORD to be conducted here, and that no such person shall have any such interest at any time during the term of the Agreement.

(c) Pursuant to Section 216.347, Florida Statutes, SANFORD hereby agrees that monies received from the COUNTY pursuant to the Agreement will not be used for the purpose of lobbying the Legislature or any other State or Federal Agency.

**Section 29. Entire Agreement, Effect on Prior Agreement.** This instrument constitutes the entire agreement between the parties and supersedes all previous discussions, understandings and agreements, if any, between the parties relating to the subject matter of the Agreement.

**Section 30. Modification.** This Agreement may not be modified, amended or extended orally. This Agreement may be amended by written agreement duly executed by the governing bodies of both parties.

**Section 31. Remedies.** Upon determination that a breach has occurred and in addition to the remedies provided by law, the COUNTY may elect any of the following remedies, as applicable and appropriate:

(a) Terminate the Agreement and designate the remaining uncommitted funds for any other eligible program or activity or to the COUNTY's trust fund without further obligation to SANFORD, and require SANFORD to repay any monies expended in violation of the Agreement.

(b) Require specific performance of the Agreement.

(c) Demand payment and/or performance from the surety, if applicable.

(d) Submit a letter to SANFORD demanding repayment of any and all monies expended to SANFORD by the COUNTY pursuant to this Agreement within thirty (30) days. Once recorded, said letter shall constitute a lien upon any real or personal property purchased with said monies.

**Section 32. Severability.** If any one or more of the covenants or provisions of the Agreement shall be held to be contrary to any express provision of law or contrary to the policy of express law, though not expressly prohibited, or against public policy, or shall, for any reason whatsoever, be held invalid, then such covenants or provisions shall be null and void, shall be deemed separable from the remaining covenants or provisions of the Agreement, and shall, in no way, affect the validity of the remaining covenants or provisions of the Agreement.

IN WITNESS WHEREOF, the parties hereto have caused the Agreement to be executed on the date hereinabove first written.

ATTEST:

*Janet R. Dougherty*  
JANET DOUGHERTY  
City Clerk

CITY OF SANFORD, FLORIDA  
*Brady Lessard*

By: \_\_\_\_\_  
BRADY LESSARD, Mayor

Date: 10/16/02

ATTEST:

BOARD OF COUNTY COMMISSIONERS  
SEMINOLE COUNTY, FLORIDA

\_\_\_\_\_  
MARYANNE MORSE  
Clerk to the Board of  
County Commissioners of  
Seminole County, Florida.

By: \_\_\_\_\_  
DARYL G. MCLAIN, Chairman

Date: \_\_\_\_\_

For the use and reliance  
of Seminole County only.  
Approved as to form and  
legal sufficiency.

As authorized for execution by  
the Board of County Commissioners  
at their \_\_\_\_\_, 20\_\_\_\_  
regular meeting.

\_\_\_\_\_  
County Attorney

KC/gn 9/19/02  
cagn01/agt/cdbg-sanford-13<sup>th</sup>StFacade

5 Attachments:

1. Exhibit "A" - General Scope of Services
2. Exhibit "B" - Project Budget
3. Exhibit "C" - Request for Funds Reimbursement Report
4. Exhibit "D" - End of Year Report
5. Exhibit "E" - Subrecipient Monthly Report
6. Exhibit "F" - Representations from Sanford regarding Permits, Fees, Project Description, Costs and Specifications.

## EXHIBIT A

### GENERAL SCOPE OF SERVICES

SANFORD shall provide for engineering and design consultation and construction services to provide for commercial/business façade improvements on West 13<sup>th</sup> Street within the Goldsboro commercial/business district.

#### **TASK ONE: DESIGN & ENGINEERING**

SANFORD shall supply COUNTY with copies of City of Sanford approved plans, design and prints for the projects.

#### **TASK TWO: CONSTRUCTION MONITORING**

SANFORD shall provide a project manager to monitor and inspect the construction activities. The project manager shall be responsible for responding to all reasonable requests by the COUNTY. The project manager shall provide monthly reports to the COUNTY. SANFORD shall inform the COUNTY in writing of the identity of the project manager prior to construction.

#### **TASK THREE: PAYMENT FOR ENGINEERING/DESIGN AND CONSTRUCTION**

SANFORD shall request payment for construction in accordance with the provisions of Section 6 "Payments" of the Interlocal Agreement.

SANFORD shall at a minimum complete the façade improvements according to the following maximum time schedule:

First Unit Completed	End of the third month from execution of the Interlocal Agreement
Second Unit Completed	End of the sixth month from execution of the Interlocal Agreement
Third Unit Completed	End of the ninth month from execution of the Interlocal Agreement
Fourth Unit Completed	End of the twelfth month from execution of the Interlocal Agreement

If SANFORD fails to complete any unit according to the above maximum time schedule, COUNTY shall reallocate the funds for the units not completed and apply those funds to other eligible COUNTY projects.

SANFORD may elect to complete the entire project earlier than the designated time schedule.

#### **TASK FOUR: MONTHLY REPORTS**

SANFORD'S project manager shall provide monthly reports to the COUNTY. Monthly reports are to be submitted to the COUNTY by the fifteenth (15<sup>th</sup>) day of each month beginning after the execution of the Interlocal Agreement. Monthly reports are to be submitted using the format attached to this Agreement as Exhibit D.

#### **TASK FIVE: PROJECT SUMMARY**

SANFORD shall provide to COUNTY at the completion of each unit façade improvement, all appropriate inspection approvals and final inspection approvals. COUNTY will not recognize the construction activity as complete without receiving copies of all applicable inspection approvals.

**EXHIBIT B**

**PROJECT BUDGET**

**CITY OF SANFORD, FLORIDA**

<b>Activity</b>	<b>Budget</b>
Construction Services for Façade Improvements to Four (4) Businesses Located on W. 13 <sup>th</sup> Street in Goldsboro.  CDBG 2000-2001	\$ 65,000

## EXHIBIT C

### SEMINOLE COUNTY REQUEST FOR FUNDS REIMBURSEMENT/STATUS REPORT FISCAL YEAR 2002 – 2003

- **Subrecipient** \_\_\_\_\_

Mailing Address \_\_\_\_\_ Contact Person \_\_\_\_\_  
 Payment Request No.: \_\_\_\_\_ Telephone No. \_\_\_\_\_

- **Request/Expense Status Report For The Month Of** \_\_\_\_\_

Type of Grant (i.e., CDBG, HOME, ESG or SHIP)	Grant Fiscal Year (i.e., 2002-2003)	(A) Beginning Subrecipient or Interlocal Agreement Amount	(B) Previous Payment Request Expenses Year-To-Date	(C) Expenses This Month *	(D) Total Expenses Year-To-Date  (B plus C)	(E) New Subgrant Balance  (A minus D)
<b>TOTALS →</b>						

\* **Attach a copy of all supporting data for this Payment Request/Expense Status Report**  
 (i.e., Labor Vouchers, Receipts, Invoices, Daily Activity Logs, etc.)

- **Project Activity:** Describe specific work tasks and accomplishments completed this Month. Include any successes or problems encountered, as well as possible solutions, etc.
  
- **Problems/Concerns:** Describe any Problems/Concerns that the Community Development Office could provide assistance to resolve.
  
- **Percent of Project/Activity Completed:** \_\_\_\_\_
- **Estimated Project/Activity Completion Date:** \_\_\_\_\_
- **Submitted By:** \_\_\_\_\_ **Title:** \_\_\_\_\_
- **Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**EXHIBIT D**

**SEMINOLE COUNTY  
END OF YEAR SUBRECIPIENT REPORT  
FISCAL YEAR 2002 – 2003**

**NAME OF ORGANIZATION** \_\_\_\_\_

• **Type of Service Provided:** \_\_\_\_\_ **Total Number of Groups/Sessions Performed** \_\_\_\_\_

Households/ Persons Assisted	Total Number Assisted	Total No. of Low/Moderate Income	Total No. of Very Low Income	Total No. of White Not Hispanic Origin	Total No. of Black Not Hispanic Origin	Total No. of American Indian/Alaskan Native	Total No. of Hispanic	Total No. of Asian/Pacific Islander	Total No. of Female Headed Households
Households									
Persons									n/a

• **Describe any special Milestones or Accomplishments. Include evaluation of Performances/Activities**

• **Authorized Signature:** \_\_\_\_\_ **Date Submitted:** \_\_\_\_\_

**EXHIBIT E**

**SUBRECIPIENT REPORT**

Status Report for Month of \_\_\_\_\_

**I. SUBRECIPIENT INFORMATION**

Subrecipient \_\_\_\_\_ City of Sanford, Florida  
Mailing Address \_\_\_\_\_ Contact Person \_\_\_\_\_  
\_\_\_\_\_ Telephone \_\_\_\_\_

**II. NARRATIVE DESCRIPTION OF ACTIVITY STATUS/MILESTONES:**

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**III. BUDGET STATUS**

ACTIVITY	ESTIMATED BUDGET	EXPENSES PAID THIS MONTH	TOTAL EXPENSES PAID TO DATE	OUTSTANDING OBLIGATIONS	BUDGET BALANCE
Façade Improvements	\$65,000.00				
<b>TOTAL</b>	<b>\$65,000.00</b>				

Any other special accomplishments:

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Signed: \_\_\_\_\_

**EXHIBIT F**

**ATTACHMENT 1**

**PERMITS & FEES**

**GENERAL PROJECT DESCRIPTIONS AND LUMP SUM COSTS**

**PROJECT SPECIFICATIONS FOR:**

WINDOWS  
DOORS  
AWNING  
SECURITY BAR SPECIFICATIONS  
PAINT  
CAULK  
LIGHTS  
SECURITY BARS  
ADDRESSES # SPECIFICATIONS  
SOFFIT/FASCIA SPECIFICATIONS  
WALKWAY/CONCRETE SPECIFICATIONS  
DIAMOND PLATE STEEL SPECIFICATIONS  
WINDOW/DOOR FRAMING WOOD

# City of Sanford, Florida

Community Development Department

P.O. Box 1788 • 32772-1788

Telephone (407) 330-5665

August 12, 2002

Colleen Rotella, Manager  
Community Resources Division  
1101 E. First Street  
Sanford, FL 32771

Re: 13<sup>th</sup> Street Façade Program

Dear Colleen:

Thank you and Tim Howard for meeting with Commissioner Williams and I regarding the 13<sup>th</sup> Street Goldsboro Façade Program on August 7, 2002. After thoroughly reviewing the Façade Program proposal at the meeting for the 4 buildings, several issues were resolved and incorporated into the attached scope of services for the project.

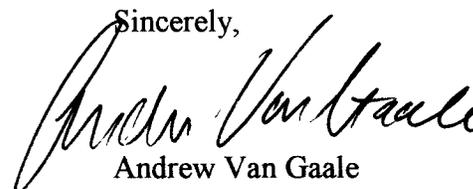
In addition to outlining product details and specifications at the meeting, the other major issues resolved were: 1) Selection of appropriate awning styles; 2) Selection of appropriate doors and storm doors; and, 3) Installation of iron window bars. The revised scope of services and product specifications reflect these changes, including the additional specifications requested from Tim Howard in his letter dated July 11, 2002.

The City of Sanford is looking forward to initiating this project and completing it in a timely and professional manner. The City therefore requests that you forward a recommendation to the County Attorney to draft a Contract for the Façade Program and placement on the agenda for action by the Board of County Commissioners. If you have any questions or request additional information, please don't hesitate to contact me at 407-330-5665.

Sincerely,

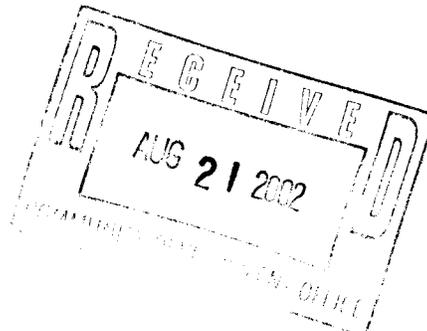
  
Commissioner Velma Williams

Sincerely,

  
Andrew Van Gaale

Enclosures

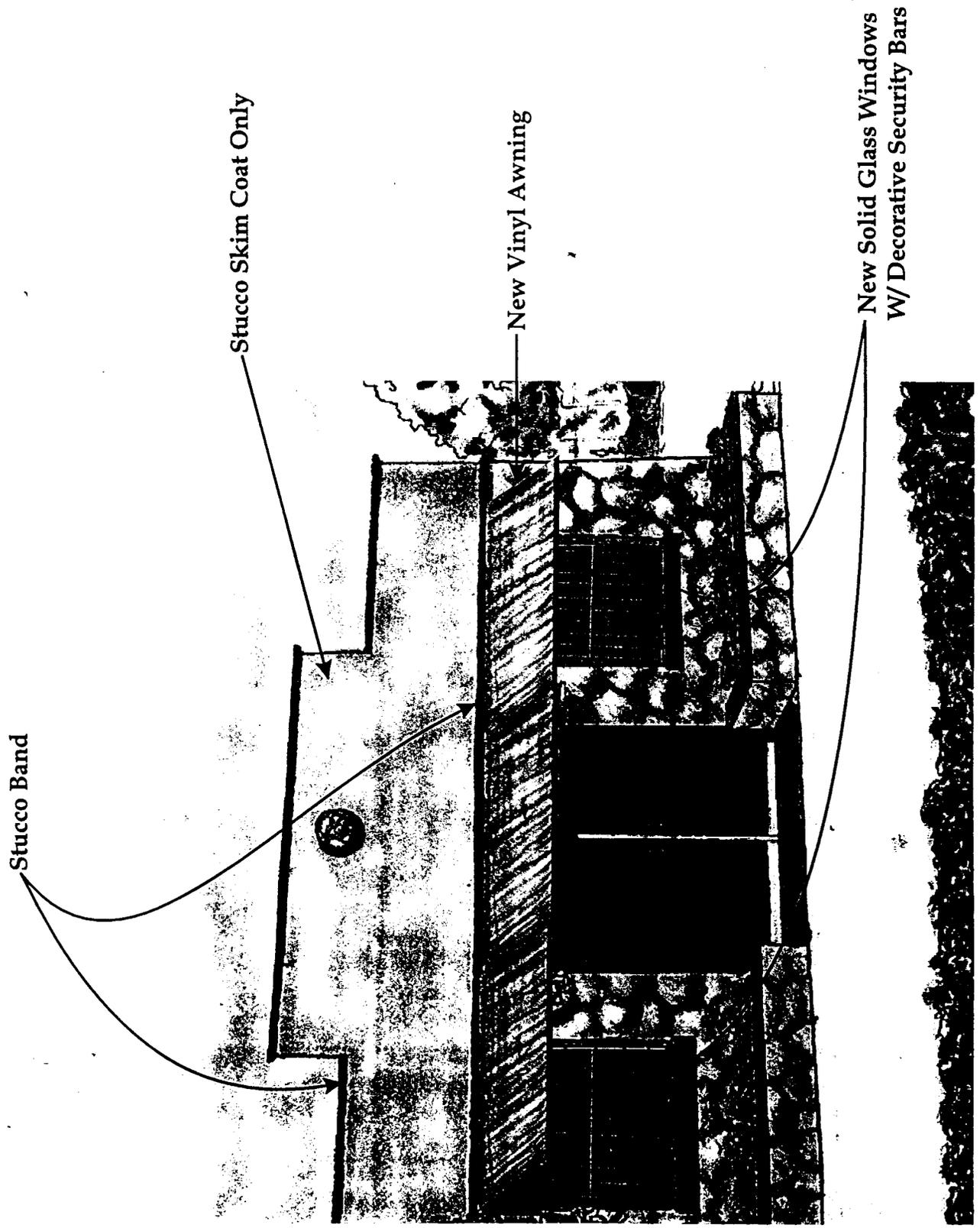
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**"The Friendly City"**

City of Sanford 13<sup>th</sup> Street Facade Treatment Program  
Private Property Facade Improvement

905 W 13<sup>TH</sup> STREET



Stucco Band

Stucco Skim Coat Only

New Vinyl Awning

New Solid Glass Windows  
W/Decorative Security Bars

905 WEST 13TH STREET

ITEM #	DESCRIPTION	LUMP SUM COST
1	REMOVE UNSOUND MATERIAL FROM FAÇADE AND EXT. CARPET	\$ 175.00
2	PRESSURE WASH ALL SURFACES FRONT AND SIDES	\$ 400.00
3	REMOVE AND REPLACE WINDOWS	\$ 400.00
4	REMOVE AND REPLACE SECURITY BARS	\$ 450.00
5	PATCH STUCCO FRONT AND SIDES AND ADD 1"X 6" BANDS AND CAPS PER PLAN	\$ 1,892.00
6	SAND AND PREPARE DOORS AND JAMB FOR PAINTING INSTALL NEW HARDWARE AND KICKPLATES ON 2 ENTRY DOORS	\$ 350.00
7	SCREEN DOORS SAND PRIME AND PAINT REPLACE LOCKS	\$ 175.00
8	CAULK AROUND WINDOWS, DOORS JAMBS AND CRACKS	\$ 350.00
9	INSTALL AWNING	\$ 875.00
10	PAINT FRONT AND SIDES 2 COLORS BY CITY	\$ 1,600.00
11	INSTALL 2 CARRIAGE LIGHTS	\$ 295.00
12	INSTALL NEW ADDRESS NUMBERS	\$ 50.00
13	STUCCO BANDS AT SIDE WINDOWS	\$ 500.00
14	REPLACE STORM DOOR AT SIDE	\$ 300.00
15	REPLACE TRIM AT 2 DOORS ON SIDE	\$ 250.00
16	REMOVE BARS ON WINDOWS AND PATCH	\$ 150.00
17	SUPERVISION	\$ 1,200.00
SUB-TOTAL		\$ 9,412.00
20% OVERHEAD AND PROFIT		\$ 1,882.40
TOTAL		\$ 11,294.40

City of Sanford 13<sup>th</sup> Street Facade Treatment Program  
Private Property Facade Improvement

927 W 13<sup>TH</sup> STREET



**Note:**

Pressure wash & prepare surface for painting. Install two exterior light fixtures.  
Provide park bench.

927 WEST 13TH STREET

ITEM #	DESCRIPTION	LUMP SUM COST
1	DEMOLITION-REMOVE MISC. ITEMS AND LIGHTS UNDER CANOPY	\$ 120.00
2	REMOVE STEEL POLE	\$ 400.00
3	PRESSURE WASH FRONT AND SIDES	\$ 800.00
4	CLEAN AND SCRABE	\$ 1,200.00
5	PRIME, CAULK AND PAINT ( 3 COLORS PER CITY)	\$ 4,200.00
6	SAND, PRIME AND PAINT FRONT DOOR	\$ 225.00
7	INSTALL TWO EXTERIOR LIGHT FIXTURES	\$ 455.00
8	REPAIR METER CAN	\$ -
9	REMOVE OR REPLACE PHONE	\$ -
10	COVER HOLE WITH DIAMOND PLATE GALVANIZED STEEL	\$ 50.00
11	PAINTS SIDES AND BARS	\$ 2,500.00
12	SUPERVISION	\$ 1,200.00
13	25 CANOPY ON EAST END OF BUILDING	\$ 1,272.00
	SUB-TOTAL	\$ 12,422.00
	20% OVERHEAD AND PROFIT	\$ 2,484.40
	TOTAL	\$ 14,906.40

City of Sanford 13<sup>th</sup> Street Facade Treatment Program  
Private Property Facade Improvement

1007 W 13<sup>TH</sup> STREET

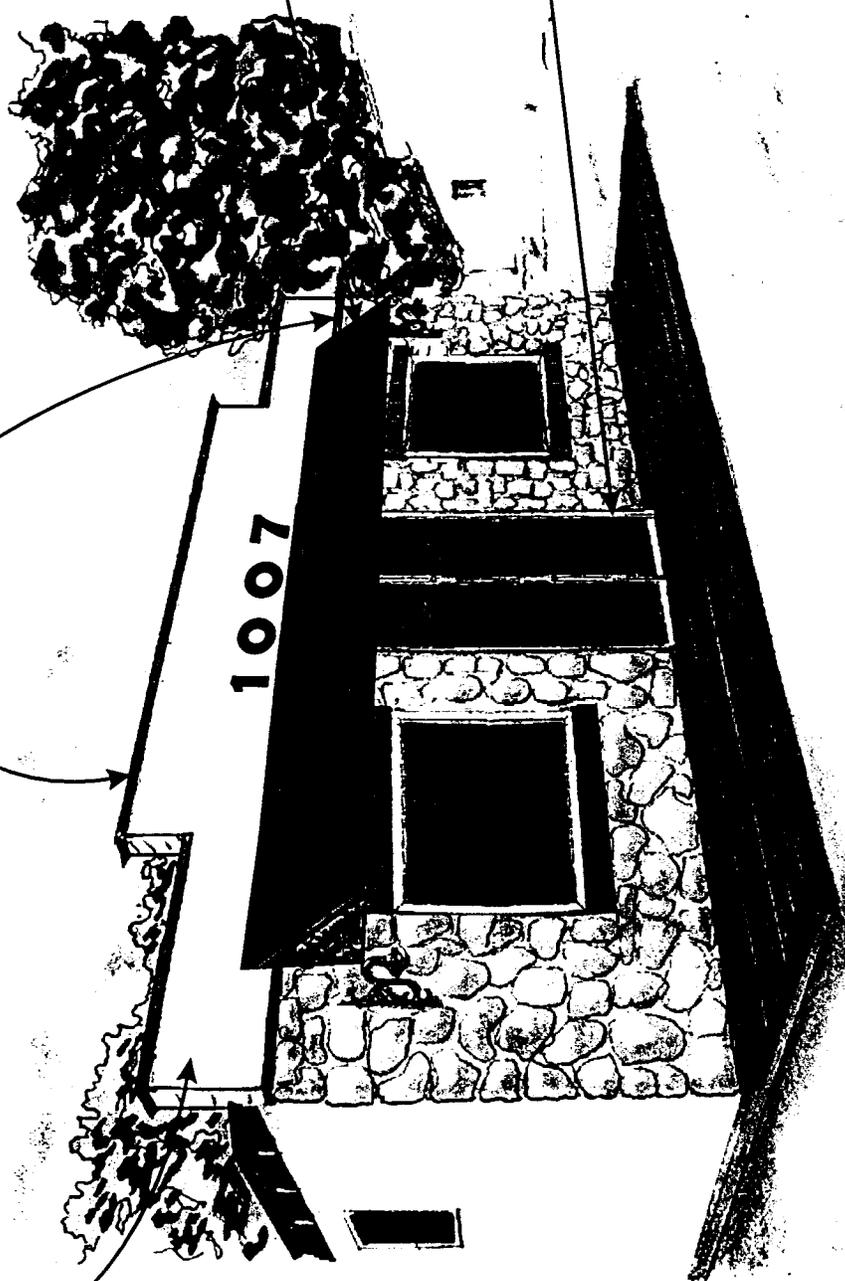
Stucco Band

Stucco Skim Coat Only

1007

Install New Vinyl  
Awning over Windows  
& Doors

Remove & Replace  
Doors. Install New  
Screen Doors



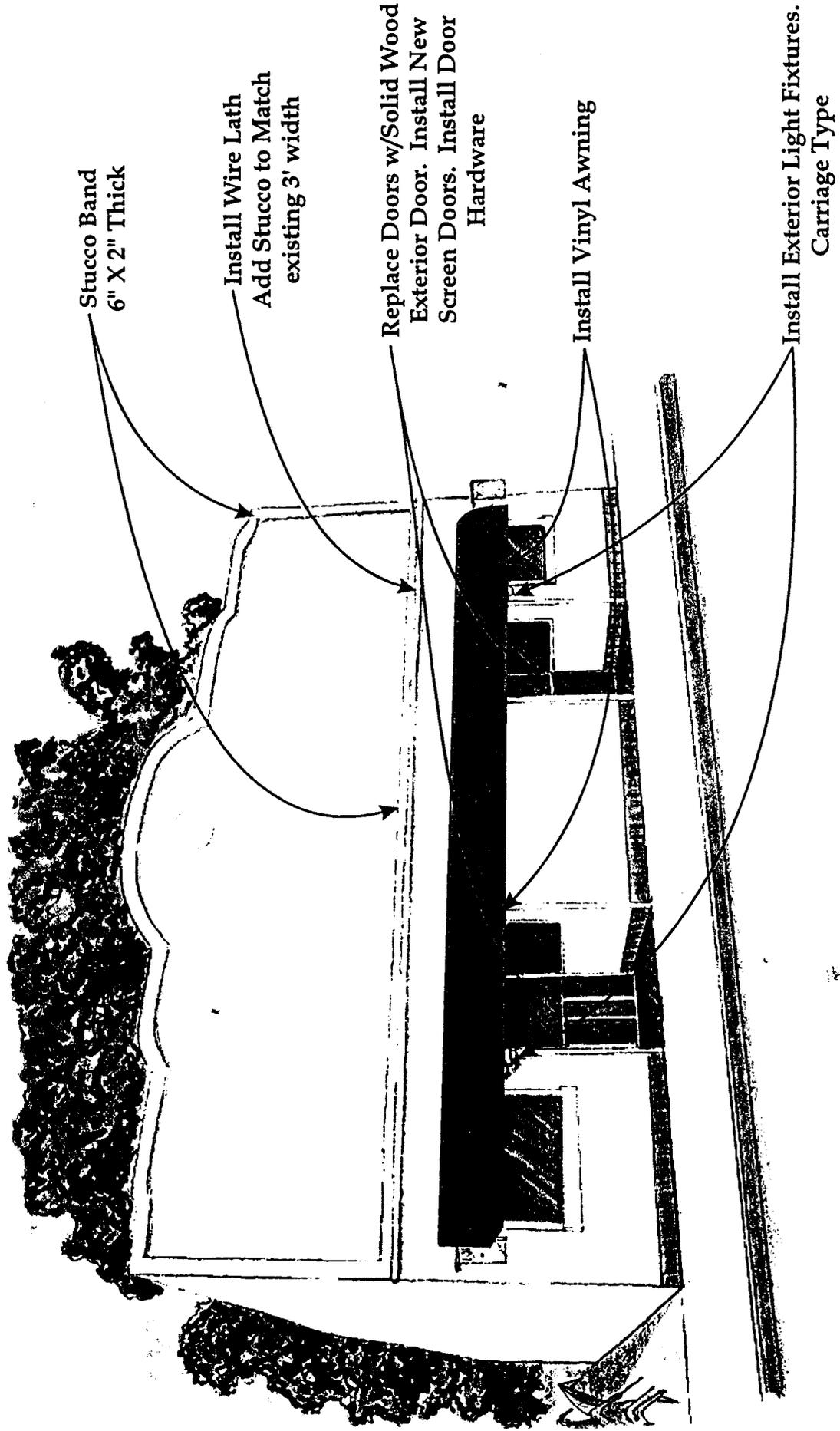
Note:

Remove existing canopy; Pressure wash & clean facade; Remove loose material.



City of Sanford 13<sup>th</sup> Street Facade Treatment Program  
Private Property Facade Improvement

1013-1015 W 13<sup>TH</sup> STREET



1013 WEST 13TH STREET

ITEM #	DESCRIPTION	LUMP SUM COST
1	DEMOLITION-REMOVE EXISTING CANOPY	\$ 1,250.00
2	DEMOLITION OF MISC. ITEMS AND UNSOUND MATERIAL FAÇADE	\$ 425.00
3	PRESSURE WASH FRONT AND SIDE TO BLOCK WORK	\$ 525.00
4	CLEAN AND SCRAPE WINDOW AND DOOR TRIM	\$ 200.00
5	STUCCO FRONT WITH WIRE MESH BEHIND AND 5" X 1" STUCCO BAND PER PLAN	\$ 3,800.00
6	REMOVE AND REPLACE 2 DOORS AND NEW SCREEN DOORS	\$ 900.00
7	INSTALL NEW DOOR HARDWARE	\$ 390.00
8	INSTALL AWNING 2 EACH 5' X 15'	\$ 1,775.00
9	INSTALL 2 CARRIAGE TYPE LIGHTS	\$ 1,352.00
10	INSTALL NEW ADDRESS NUMBERS	\$ 325.00
11	PATCH STUCCO	\$ 200.00
12	PRIME, CAULK AND PAINT FRONT AND WEST SIDE 2 COLORS BY CITY	\$ 1,400.00
13	SUPERVISION	\$ 1,200.00
14	INSTALL SECURITY BARS ON FRONT WINDOWS	\$ 510.00
SUB-TOTAL		\$ 14,252.00
20% OVERHEAD AND PROFIT		\$ 2,850.40
TOTAL		\$ 17,102.40

# **Goldsboro Façade Improvement Project**

## **Project Specifications**

Material and workmanship shall be as listed below or equal.

1. YKK Series YES 45 FS Storefront System (Monolithic Glazing for Windows)
2. Doors and Hardware
3. Awning
4. Paint and Primer
5. Caulk
6. Lights
7. Security Bars
8. Address Numbers
9. Fascia and Soffit
10. Walkway Sealer
11. Diamond Plate Steel Cover
12. Window/Door Framing Wood

# WINDOWS

**YES 45 F Storefront System Specifications**

CSI MASTERFORMAT SECTION NUMBER  
CSI MASTERFORMAT SECTION TITLE  
YKK AP PRODUCT SERIES

08417  
Aluminum Storefront System  
YKK AP YES 45 F Series

**PART 1 GENERAL****1.01 SUMMARY****A. Section Includes: Aluminum Storefront Systems**

- 1. YKK AP Series YES 45 FS Storefront System (Monolithic Glazing)  
~~2. YKK AP Series YES 45 FI Storefront System (Insulated Glazing)~~

**B. Related Sections:**

1. Sealants: Refer to Division 7 Joint Treatment Section for sealant requirements.
2. Glass and Glazing: Refer to Division 8 Glass and Glazing Section for glass and glazing requirements.

**1.02 SYSTEM DESCRIPTION****A. Performance Requirements: Provide aluminum storefront systems that comply with performance requirements indicated, as demonstrated by testing manufacturer's assemblies in accordance with test method indicated.**

1. Wind Loads: Completed storefront system shall withstand wind pressure loads normal to wall plane indicated:
  - a. Exterior Walls:
    - 1) Positive Pressure:
    - 2) Negative Pressure:
  - b. Interior Walls (Pressure Acting In Either Direction):
2. Deflection: Maximum allowable deflection in any member when tested in accordance with ASTM E 330-90 with allowable stress in accordance with AA Specifications for Aluminum Structures.
  - a. Without Horizontals: L/175 or 3/4" (19.1mm) maximum.
  - b. With Horizontals: L/240 + 1/4" (6.4mm) for spans greater than 13'-6" (4.1m) but less than 40'-0" (12.2m).
3. Thermal Movement: Provide for thermal movement caused by 180 degrees F. (82.2 degrees C.) surface temperature, without causing buckling stresses on glass, joint seal failure, undue stress on structural elements, damaging loads on fasteners, reduction of performance, or detrimental effects.
4. Air Infiltration: When tested in accordance with ASTM E 283-91 at differential static pressure of 6.24 PSF (299 Pa), completed storefront systems shall have maximum allowable infiltration of:
  - a. 0.02 CFM/FT<sup>2</sup> (0.37 m<sup>3</sup>/h·m<sup>2</sup>) for YES 45 FS systems.
  - b. 0.06 CFM/FT<sup>2</sup> (1.10 m<sup>3</sup>/h·m<sup>2</sup>) for YES 45 FI systems.
5. Water Infiltration: No uncontrolled water other than condensation on indoor face of any component when tested in accordance with ASTM E 331-93 at test pressure differential of 10 PSF (479 Pa).
6. Water Penetration: Contain water penetrating storefront systems with system by gutters; drain to exterior through weep holes. No uncontrolled water infiltration is allowable.

**1.03 SUBMITTALS**

- A. General: Prepare, review, approve, and submit specified submittals in accordance with "Conditions of the Contract" and Division 1 Submittals Sections. Product data, shop drawings, samples, and similar submittals are defined in "Conditions of the Contract."
- B. Product Data: Submit product data for each type storefront series specified.

## YES 45 F Storefront System Specifications



- C. **Shop Drawings:** Submit shop drawings showing layout, profiles, and product components, including anchorage, accessories, finish colors and textures.
- D. **Samples:** Submit verification samples for colors on actual aluminum substrates indicating full color range expected in installed system.
- E. **Quality Assurance / Control Submittals:**
  - 1. **Test Reports:** Submit certified test reports showing compliance with specified performance characteristics and physical properties.
  - 2. **Installer Qualification Data:** Submit installer qualification data.
- F. **Closeout Submittals:**
  - 1. **Warranty:** Submit warranty documents specified herein.
  - 2. **Project Record Documents:** Submit project record documents for installed materials in accordance with Division 1 Project Closeout (Project Record Documents) Section.

### 1.04 QUALITY ASSURANCE

- A. **Qualifications:**
  - 1. **Installer Qualifications:** Installer experience (as determined by contractor) to perform work of this section who has specialized in the installation of work similar to that required for this project. If requested by Owner, submit reference list of completed projects.
  - 2. **Manufacturer Qualifications:** Manufacturer capable of providing field service representation during construction, approving acceptable installer and approving application method.
- B. **Mock-Ups (Field Constructed):** Install at project site a job mock-up using acceptable products and manufacturer approved installation methods. Obtain Owner's and Architect's acceptance of finish color, and workmanship standard.
  - 1. **Mock-Up Size:**
  - 2. **Maintenance:** Maintain mock-up during construction for workmanship comparison; remove and legally dispose of mock-up when no longer required.
  - 3. **Incorporation:** Mock-up may be incorporated into final construction upon Owner's approval.
- C. **Pre-Installation Meetings:** Conduct pre-installation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions, and manufacturer's warranty requirements.

### 1.05 PROJECT CONDITIONS / SITE CONDITIONS

- A. **Field Measurements:** Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements, fabrication schedule with construction progress to avoid construction delays.

### 1.06 WARRANTY

- A. **Project Warranty:** Refer to "Conditions of the Contract" for project warranty provisions.
- B. **Manufacturer's Warranty:** Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under the Contract Documents.
  - 1. **Beneficiary:** Issue warranty in the legal name of the project Owner.
  - 2. **Warranty Period:** \_\_\_ years commencing on Date of Substantial Completion
  - 3. **Warranty Acceptance:** Owner is sole authority who will determine acceptability of manufacturer's warranty documents.



## YES 45 F Storefront System Specifications

### PART 2 PRODUCTS

#### 2.01 MANUFACTURERS (Acceptable Manufacturers/Products)

A. Acceptable Manufacturers: YKK AP America Inc.  
5630 Gwaltney Drive  
Atlanta, GA 30336  
Telephone: (404) 629-3800; Fax: (404) 629-3810

1. Storefront System: YKK AP YES 45 FS Storefront System.
2. Storefront System: YKK AP YES 45 FI Storefront System.

#### B. Storefront Framing System:

1. Description: Center rabbet, exterior flush glazed; jamba and vertical mullions continuous; head, sill, intermediate horizontal attached by screw spline joinery.
2. Components: Manufacturer's standard extruded aluminum expansion mullions, 0-15 degree hinged mullions, 90 degree corner posts, flexible corner posts, three way corner post, 93-170 degree flexible corner posts, entrance door framing, and indicated shapes.

#### 2.02 MATERIALS

A. Extrusions: ASTM B 221 (ASTM B 221M), 6063-T5 Aluminum Alloy.

#### B. Aluminum Sheet:

1. Anodized Finish: STM B 209 (ASTM B 209M), 5005-H14 Aluminum Alloy, 0.050" (1.27 mm) minimum thickness.
2. Painted Finish: ASTM B 209 (ASTM B 209M), 3003-H14 Aluminum Alloy, 0.080" (1.95 mm) minimum thickness.

#### 2.03 ACCESSORIES

#### A. Manufacturer's Standard Accessories:

1. Fasteners: Zinc plated steel concealed fasteners; Hardened aluminum alloys or AISI 300 series stainless steel exposed fasteners, countersunk, finish to match aluminum color.
2. Sealant: Non-skinning type, AAMA 803.3
3. Glazing: Setting blocks, edge blocks, and spacers in accordance with ASTM C 864, shore durometer hardness as recommended by manufacturer; Glazing gaskets in accordance with ASTM C 864

#### 2.04 RELATED MATERIALS (Specified In Other Sections)

A. Glass: Refer to Division 8 Glass and Glazing Section for glass materials.

#### 2.05 FABRICATION

A. Shop Assembly: Fabricate and assemble units with joints only at intersection of aluminum members with hairline joints; rigidly secure, and sealed in accordance with manufacturer's recommendations.

1. Welding: Conceal welds on aluminum members in accordance with AWS recommendations or methods recommended by manufacturer. Members showing welding bloom or discoloration on finish or material distortion will be rejected.

#### B. Fabrication Tolerance:

1. Material Cuts: Square to 1/32 inch (0.8 mm) off square, over largest dimension; proportionate amount of 1/32 inch (0.8 mm) on the two dimensions.
2. Maximum Offset: 1/64 inch (0.4 mm) in alignment between two consecutive members in line, end to end.
3. Maximum Offset: 1/64 inch (0.4 mm) between framing members at glazing pocket corners.

## YES 45 F Storefront System Specifications



4. Joints (Between adjacent members in same assembly): Hairline and square to adjacent member.
5. Variation (In squaring diagonals for doors and fabricated assemblies): 1/16 inch (1.6 mm).
6. Flatness (For doors and fabricated assemblies): +/- 1/16-inch (1.6 mm) off neutral plane.

### 2.06 FINISHES AND COLORS

#### A. Anodized Finish: YKK AP America Anodized Finish:

1. Clear: YKK AP YS1N with clear protective composite coating.
2. Medium Bronze: YKK AP YB1N with clear protective composite coating.
3. Dark Bronze: YKK AP YB5N with clear protective composite coating.
4. Black: YKK AP YK1N with clear protective composite coating.
5. Champagne: YKK AP YH3N with clear protective composite coating.
6. White: YKK AP YW3N with protective composite coating.

#### B. Finishing: Prepare aluminum surfaces for specified finish; apply finish in accordance with the following:

1. Anodized Coating: Electrolytic color coating followed by an organic top coating applied to aluminum extrusions produced from quality controlled billets meeting AA-6063-T5.
  - a. Exposed Surfaces shall be free of scratches and other serious blemishes.
  - b. Extrusion shall be given a caustic etch followed by an anodic oxide treatment and sealed with an organic electrodeposition applied protective top coating.
  - c. Overall coating thickness for finishes shall be a minimum of 0.7 mils.
  - d. Coating shall conform to Aluminum Association (AA) Standard AAM12C22A4X. A4X designation shall signify an anodic coating of 0.4 mils minimum followed by an organic top coating of a minimum 0.3 mils.
  - e. In addition to Aluminum Standard above, finish shall conform to the following:
    - 1) AAMA 2605 Mortar Resistance Test Specification: Test Method per ASTM C207, 24 Hour Pat Test.
    - 2) CASS Corrosion Resistance Test: CASS 240/ASTM B368 Test Method.
    - 3) Other AAMA 2605 Performance Tests specified in these specifications, such as: 7.3 Dry Film Hardness; 7.8.2 Salt Spray Resistance; 7.9.1.2 Color Retention, South Florida; 7.9.1.4 Gloss Retention, South Florida.

#### C. High Performance Organic Coating Finish:

1. Fluoropolymer Type: Factory applied two-coat 70% Kynar resin by Auto Chem or 70% Hylar resin by Ausimont, fluoropolymer based coating system, Polyvinylidene Fluoride (PVF-2), applied in accordance with YKK AP procedures and meeting AAMA 2605 specifications.
2. Colors: Selected by Architect from the following:
  - a. Standard coating color charts.
  - b. Custom coating color charts.
  - c. Color Name and Number:

#### D. Finishes Testing:

1. Apply 0.5% solution NaOH, sodium hydroxide, to small area of finished sample area; leave in place for sixty minutes; lightly wipe off NaOH; Do not clean area further.
2. Submit samples with test area noted on each sample.

## PART 3 EXECUTION

### 3.01 MANUFACTURER'S INSTRUCTIONS / RECOMMENDATIONS

- A. Compliance: Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions, and product carton instructions.



# YES 45 F Storefront System Specifications

## 3.02 EXAMINATION

- A. Site Verification of Conditions: Verify substrate conditions (which have been previously installed under other sections) are acceptable for product installation in accordance with manufacturer's instructions.

## 3.03 PREPARATION

- A. Adjacent Surfaces Protection: Protect adjacent work areas and finish surfaces from damage during product installation.

## 3.04 INSTALLATION

- A. General: Install manufacturer's system in accordance with shop drawings, and within specified tolerances.
  1. Protect aluminum members in contact with masonry, steel, concrete, or dissimilar materials using nylon pads or bituminous coating.
  2. Shim and brace aluminum system before anchoring to structure.
  3. Provide sill flashing at exterior storefront systems. Extend extruded flashing continuous with splice joints; set in continuous beads of sealant.
  4. Verify storefront system allows water entering system to be collected in gutters and weeped to exterior. Verify weep holes are open, and metal joints are sealed in accordance with manufacturer's installation instructions.
  5. Located expansion mullion where indicated on reviewed shop drawings.
  6. Seal metal to metal storefront system joints using sealant recommended by system manufacturer.

## 3.05 FIELD QUALITY CONTROL

- A. Manufacturer's Field Services: Upon Owner's request, provide manufacturer's field service consisting of product use recommendations and periodic site visit for inspection of product installation in accordance with manufacturer's instructions.
- B. Field Test: Conduct field test to determine watertightness of storefront system. Conduct test in accordance with NAAMM FC-1-76 at locations selected by Architect.
  1. Perform minimum of \_\_\_\_\_ tests. Perform test in Architect's presence.

## 3.06 ADJUSTING AND CLEANING

- A. Adjusting: Adjust operating items as recommended by manufacturer.
- B. Cleaning: The General Contractor shall clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance, and remove construction debris from project site. Legally dispose of debris.
- C. Protection: The General Contractor shall protect installed product's finish surfaces from damage during construction.

# DOORS



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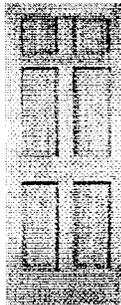
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- Home Organization
- Lawn and Garden
- Lighting and Electrical
- Lumber and Building
- Outdoor Power Equip
- Paint
- Plumbing
- Safety and Security
- Tools

## Wood Entry Doors



### Nord 36" Colonial Entrance 6-Panel Hemlock Door Slab

Item #: 10507  
Model: 2130

**\$155.00**

**Buy Now!**

[Click Here to Zoom Photo](#)

- Stain grade Hemlock
- 80" High, 1-3/4" thick
- 9/16" raised panels

Item availability and price may vary by location.

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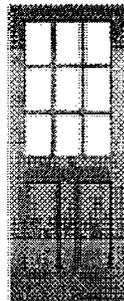
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- Lighting and Electrical
- Lumber and Building
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- Tools

### Wood Entry Doors



### Nord 32" 9 Lite 2 Panel Entrance Door

Item #: 10900  
Model: 944

**\$144.00**

**Buy Now!**

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- 1 3/4" thick
- 9/16" raised panels
- Stain grade hemlock

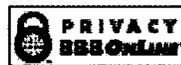
Item availability and price may vary by location.



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WARRANTY

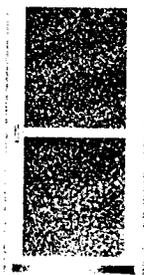
WARRANTY

WARRANTY

**SECURITY VENTILATING**



**FOREVER® by Andersen Guard**



**Andersen HD 3000 Triple-Track**



**FOREVER® by Andersen HD 2500 Triple-Track**

**EFFICIENCY**

- 1-1/2" thick aluminum frame
- Quad Seal

- 1-1/2" thick aluminum frame with foam insulation
- Double Quad Seal

- 1-1/4" thick aluminum frame with foam insulation
- Quad Seal

**BEAUTY**

- Deluxe solid-brass handle set inside and out
- Color-matched closers and screw covers
- Optional solid-brass nameplate (additional cost)



- Deluxe solid-brass handle set inside and out
- Brass finished sweep
- Color-matched closers and screw covers



- Deluxe solid-brass handle set inside and out
- Brass finished sweep
- Color-matched closers and screw covers

**CONVENIENCE**

- Solid-brass window screen locks
- Reversible hinge opens 180°

- Forever HD 3000 Triple-Track window system ventilates from the top, bottom or top
- Push-button lock
- Reversible hinge opens 180°

- Triple-track window system ventilates from top, bottom or top
- Reversible hinge opens 180°

**SECURITY**

- Tamper-resistant lock with built-in pick guard
- Tough heat-treated aluminum security bars
- Key-lock and deadbolt built into door frame
- Solid-steel security studs keep door mounted in place
- Tempered glass

- Key-lock and deadbolt built into door frame
- Can be keyed to match your Schlage or Kwikset entry system
- Tempered glass

- Key-lock and deadbolt built into door frame
- Can be keyed to match your Schlage or Kwikset entry system
- Tempered glass

**DURABILITY**

- Heavy-gauge aluminum construction
- Two closers

- Heavy-gauge aluminum construction
- Two closers

- Heavy-gauge aluminum construction
- Two closers

**COLORS & SIZES (DOOR)**

- White 32", 36"
- Black 32", 36"

- White 32", 36"
- Almond 32", 36"
- Sandstone 32", 36"
- Forest Green 32", 36"

- White 32", 36"
- Almond 32", 36"
- Sandstone 32", 36"
- Forest Green 32", 36"
- Bronze 32", 36"
- Black 32", 36"



## TEN YEAR WARRANTY Signature Storm/Screen Door

Our Superior Aluminum Series  
Combines Distinctive Styling  
And Exceptional Durability.

- Full 1 3/8" x 2 3/4" Aluminum Frame For Solid Construction And Durability
- Reversible Hinge For Left Or Right Mounting
- Continuous Steel Rod Hinge System Provides Superior "No Sag" Performance
- Perfect Fit, Picture Framed Mitered Corners
- Convenient Snap-In Retainer Strips Securely Hold The Glass Or Screen
- Sturdy Pneumatic Closer And Sweep For Smooth Operation And Tight Seal
- Tempered Safety Glass For Added Security And Peace Of Mind
- Maintenance Free Finish That Takes Care Of Itself
- Screen Included On All Doors
- Custom Sizes Available On Select 5000 Models

## THE 900 SERIES

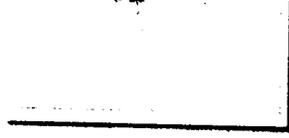
### ONE YEAR WARRANTY Landmark Storm/Screen Door

Quality Crafted And Value-Priced  
For Dependable Operation And  
Lasting Good Looks.

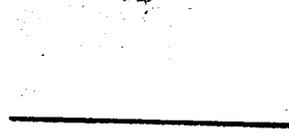
- Full 1 1/4" x 2" Frame On The 900, 925, 940, 960, And 975 Doors For Durability
- Reversible Hinge For Right Or Left Mounting
- Continuous Steel Rod Hinge System Provides Superior "No Sag" Performance



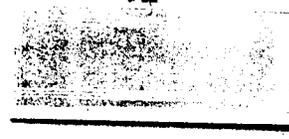
MODEL 5001  
CROSSBUCK



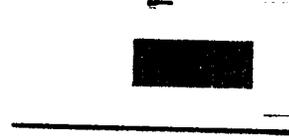
MODEL 5002  
FULLVIEW



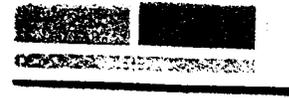
MODEL 5004  
FULLVIEW  
15-LITE  
BEVELED GLASS



MODEL 5007  
BEVELED  
MARGINAL  
9-LITE



MODEL 5009  
TRI-LITE  
SELF-STORING



MODEL 5011  
TRI-LITE  
DECORAT-  
VE GLASS



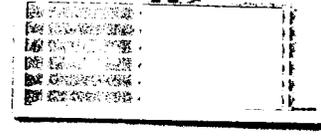
MODEL 5025  
HI-LITE



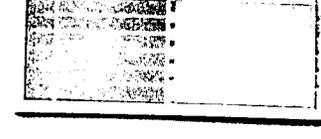
MODEL 5040  
SELF-STORING



MODEL 5040AB  
SELF-STORING



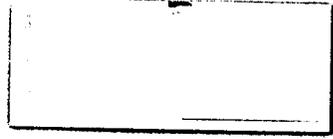
MODEL 5040P  
PROTECTOR



MODEL 5061P  
PROTECTOR



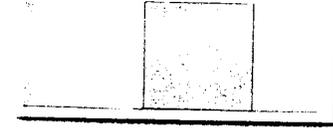
MODEL 501-  
LITE



MODEL 900  
CROSSBUCK



MODEL 925  
HI-LITE



MODEL 940  
SELF-STORING



MODEL 960  
FULLVIEW



MODEL 975  
1-LITE



MODEL 901  
CROSSBUCK

■ Perfect Fit, Picture Framed Mitered Corners

■ Convenient Snap-In Retainer Strips Securely Hold The Glass Or Screen

■ Sturdy Pneumatic Closer And Sweep For Smooth Operation And Tight Seal

■ Tempered Safety Glass For Added Security And Peace Of Mind

# D SERIES

ATTN: DAVID TERWILLIGER CPH Const.  
FROM: BOONEY @ AG-MAURO

*B PAGE*

## Functions

ANSI A156.2 Series 4000 Grade 1

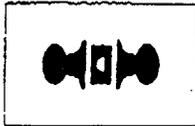
### Non-Keyed Locks

SCHLAGE ANSI

D10S F75

#### Passage Latch

Both knobs/levers always unlocked.



D12D F89

#### Exit Lock

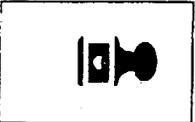
Unlocked by lever inside only. Outside lever always fixed. (Athens, Rhodes, and Sparta designs only.)



D25D

#### Exit Lock

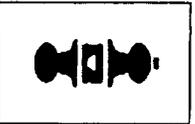
Blank plate outside. Inside knob/lever always unlocked. (Specify door thickness, 1 3/8" or 1 3/4".)



D40S F76

#### Bath/Bedroom Privacy Lock

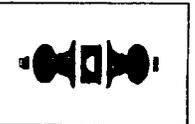
Push-button locking. Can be opened from outside with small screwdriver. Turning inside knob/lever or closing door releases button.



D44S

#### Hospital Privacy Lock

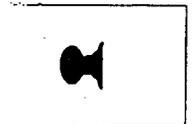
Push-button locking. Unlocked from outside by turning emergency turn-button. Turning inside knob/lever or closing door releases button.



D170

#### Single Dummy Trim

Dummy trim for one side of door. Used for door pull or as matching inactive trim.



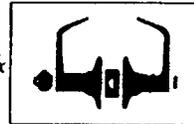
### Keyed Locks

SCHLAGE ANSI

D50PD F82

#### Entrance/Office Lock

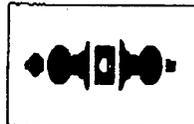
Push-button locking. Push-button locks outside lever until unlocked with key or by rotating inside lever. (Athens, Rhodes, and Sparta designs only.)



D53PD F82

#### Entrance Lock

Turn/push-button locking: pushing and turning button locks outside knob/lever requiring use of key until button is manually unlocked. Push-button locking: pushing button locks outside knob/lever until unlocked by key or by turning inside knob/lever.



D60PD F88

#### Vestibule Lock

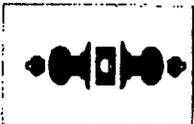
Unlocked by key from outside when outside knob/lever is locked by key in inside knob/lever. Inside knob/lever is always unlocked.



D66PD F91

#### Store Lock

Key in either knob/lever locks or unlocks both knobs/levers.



D70PD F84

#### Classroom Lock

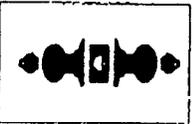
Outside knob/lever locked and unlocked by key. Inside knob/lever always unlocked.



D72PD F80

#### Communicating Lock

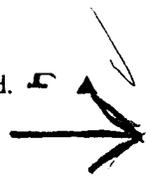
Key in either knob locks or unlocks each knob independently.



D73P F90

#### Corridor Lock

Locked or unlocked by key from outside. Push-button locking from inside. Turning inside knob/lever or closing door releases button.



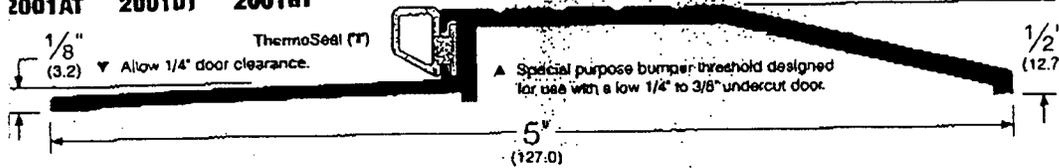
# Latching Panic Exit Saddles

- Used in conjunction with surface applied vertical rod exit device, or as a stop and a seal at the bottom of door.
- To make an offset, use an *elevator* (see page CT5).

**2001AT 2001DT 2001GT**

Fire Rated Classified & Listed to meet the requirements of standards UL10B and UL10C

**POSITIVE PRESSURE**



**pile (P)**

**2001AP 2001DP 2001GP**

**vinyl (V)**

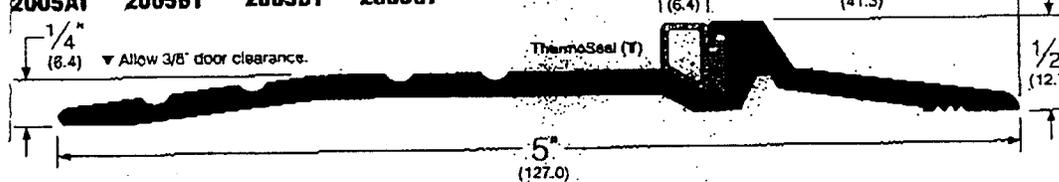
**2001AV 2001DV 2001GV**

**BHMA**

**2005AT 2005BT 2005DT 2005GT**

Fire Rated Classified & Listed to meet the requirements of standards UL10B and UL10C

**POSITIVE PRESSURE**



**pile (P)**

**2005AP 2005BP 2005DP 2005GP**

**vinyl (V)**

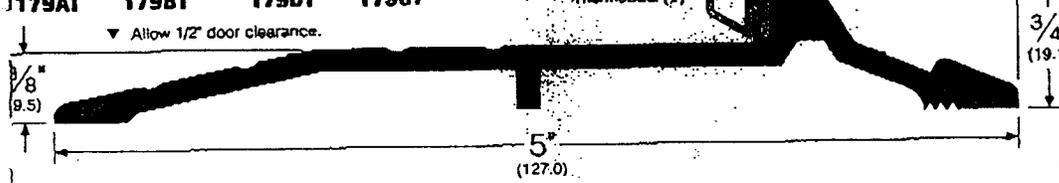
**2005AV 2005BV 2005DV 2005GV**

**BHMA**

**179AT 179BT 179DT 179GT**

Fire Rated Classified & Listed to meet the requirements of standards UL10B and UL10C

**POSITIVE PRESSURE**



**pile (P)**

**179AP 179BP 179DP 179GP**

**vinyl (V)**

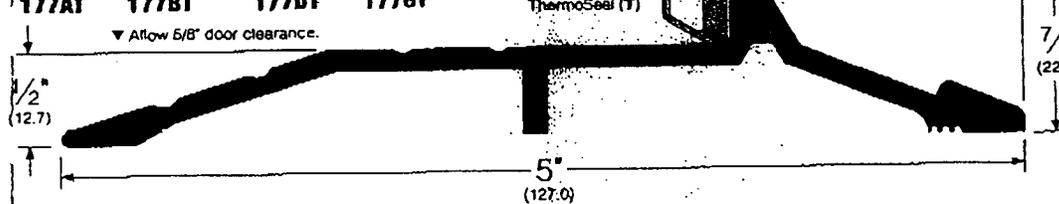
**179AV 179BV 179DV 179GV**

**BHMA**

**177AT 177BT 177DT 177GT**

Fire Rated Classified & Listed to meet the requirements of standards UL10B and UL10C

**POSITIVE PRESSURE**



**pile (P)**

**177AP 177BP 177DP 177GP**

**vinyl (V)**

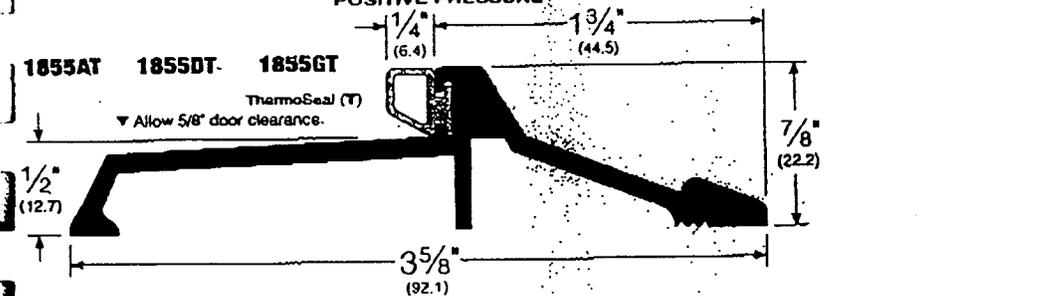
**177AV 177BV 177DV 177GV**

**BHMA**

**1855AT 1855DT 1855GT**

Fire Rated Classified & Listed to meet the requirements of standards UL10B and UL10C

**POSITIVE PRESSURE**



**pile (P)**

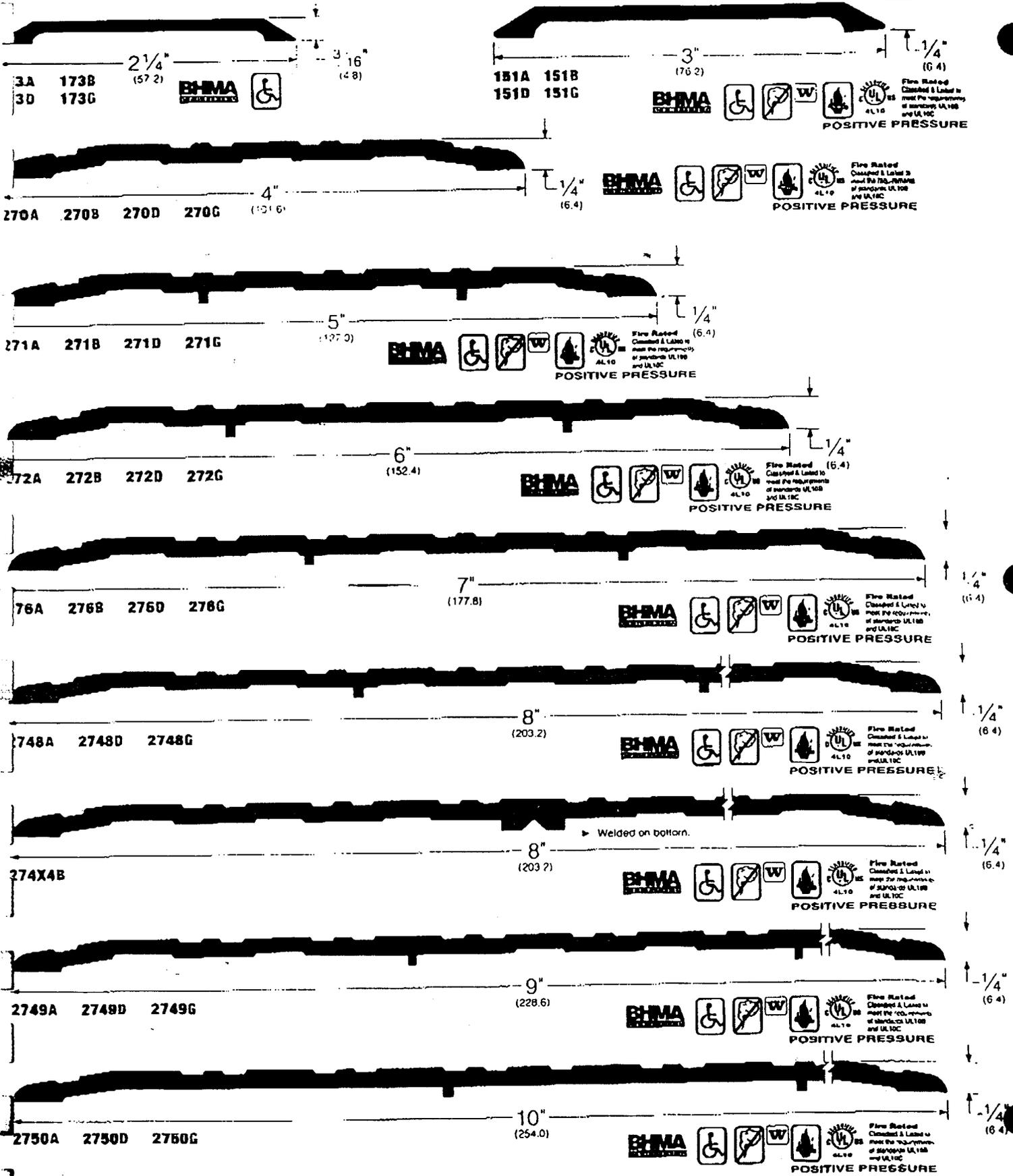
**1855AP 1855DP 1855GP**

**vinyl (V)**

**1855AV 1855DV 1855GV**

# Saddle Thresholds

To use a saddle threshold in an offset condition, use an *elevator* (see page CT5).



**B** SERIES

*Functions*

ANSI A156.5, 1992

**Deadbolt Locks**

SCHLAGE	ANSI
B660	E1151
B760	E1151
B860	E1151

**Single Cylinder Deadbolt**

Deadbolt thrown or retracted by key from outside or by inside turn unit. Bolt automatically deadlocks when fully thrown.



**Deadbolt Locks**

SCHLAGE	ANSI
B664	
B764	
B864	

**Cylinder Lock**

Deadbolt thrown or retracted by key from one side. No inside trim. Bolt automatically deadlocks when fully thrown.



B662	E1141
B762	E1141
B862	E1141

**Double Cylinder Deadbolt\***

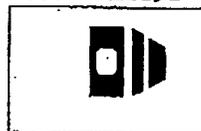
Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.



B680	E1191
------	-------

**Door Bolt**

Deadbolt thrown or retracted by turn unit only. No outside trim. Bolt automatically deadlocks when fully thrown.



B661P	E1161
B761P	E1161
B861P	E1161

**One-Way Deadbolt Lock**

Deadbolt thrown or retracted by key only. Blank plate inside. Bolt automatically deadlocks when fully thrown.



B663P	E1171
B763P	E1171
B863P	E1171

**Classroom Deadbolt Lock**

Deadbolt thrown or retracted by key outside. Inside turn unit will retract bolt only. Bolt automatically deadlocks when fully thrown.



*\*Caution: Double cylinder locks on residences and any door in any structure which is used for egress are a safety hazard in times of emergency, and their use is not recommended. Installation should be in accordance with existing codes only.*

**AWNING**



PROPOSAL PRESENTED TO:

**CITY OF SANFORD**  
WEST 13<sup>TH</sup> STREET

ATTN: ANDREW

RE: AWNING (QUARTER BARREL STYLE)

1 @	5'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$384.00
1 @	10'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$546.00
1 @	15'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$726.00
1 @	20'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$894.00

INCLUDES:

12 MONTH WORKMANSHIP WARRANTY  
5 YEAR FABRIC WARRANTY FROM MANUFACTURER  
WELDED STEEL FRAME CONSTRUCTION (MILL FINISH)  
FABRIC TO BE: VINYL  
VALANCE TO BE: LOOSE @ 8"  
GRAPHICS: N/A  
INSTALLATION  
ALL APPLICABLE TAXES

DOES NOT INCLUDE:

BUILDING PERMIT  
ENGINEER SIGN AND SEAL

THANK YOU FOR THE OPPORTUNITY!

PROPOSAL BY: ALAN HANLEY

NOTE: PRICE IS GOOD FOR 30 DAYS FROM DATE OF PROPOSAL: 08/02/02

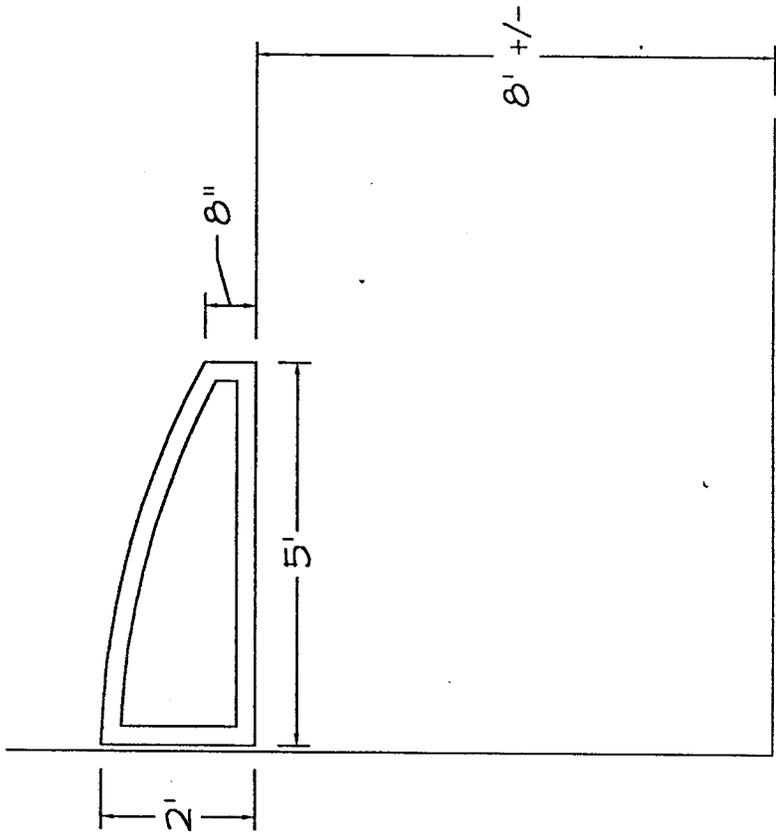
50 Keyes Court Sanford, Florida 32773 (407) 330-1044 FAX: (407) 330-1477

David Terwilliger  
407-330-0639  
Frame Drawings

Contact: Alan Hanley  
Sunstate Awning & Graph Design.  
(407) 330-1044



Page 1

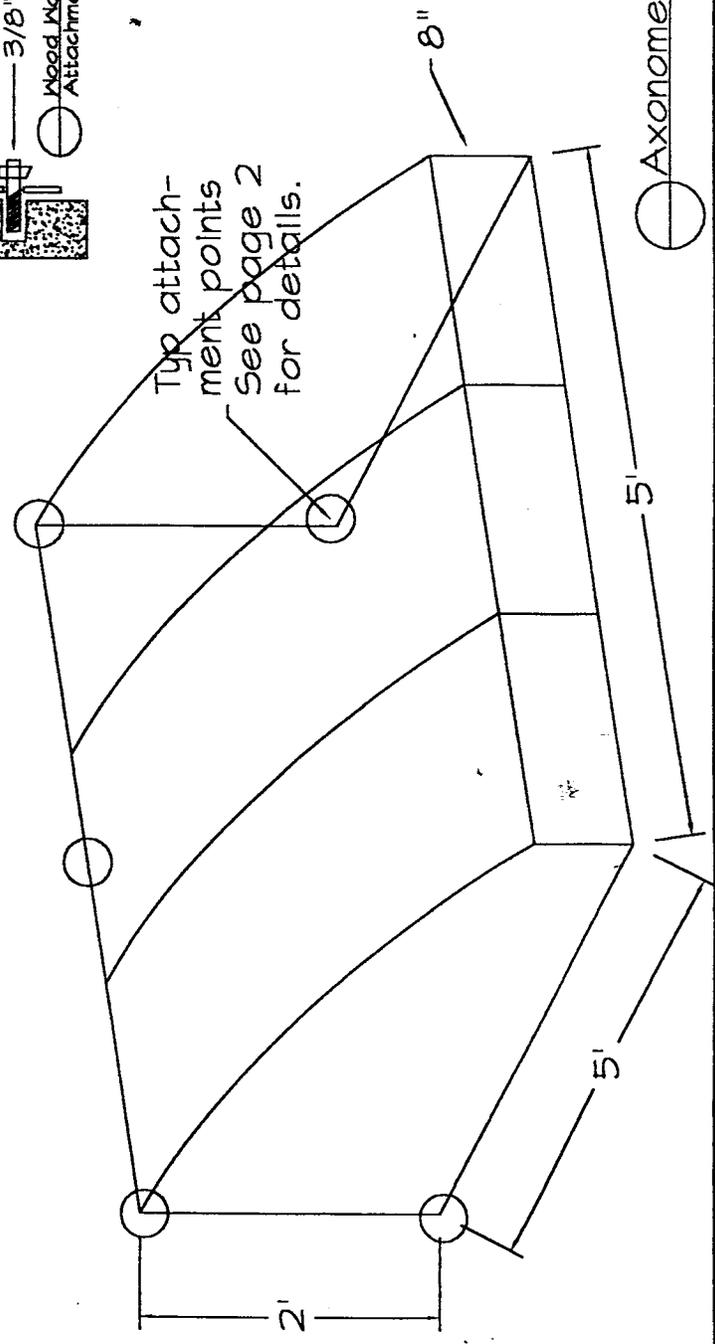
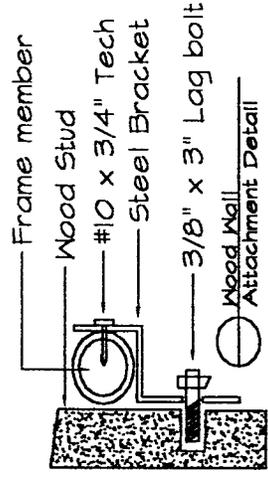
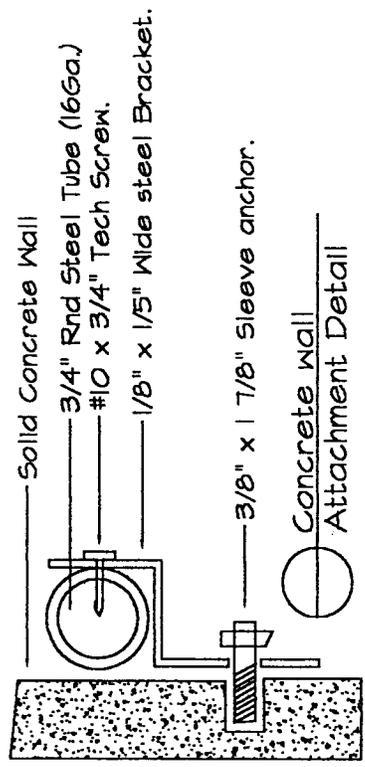


○ Axonometric View

Notes:  
 All framing is made of 1" & 3/4" rnd (16 ga.) steel framing.  
 All connections are welded.  
 All cord members are 1" Rnd Steel.  
 All web members are 3/4" Rnd Steel  
 All fabric is fire retardent see attached certification.

This certifies that these plans meet or exceed the 110 mph windload requirements of Table 1606, 2001 Edition of the Florida building code. This also meets the 130 3 second gust requirement.

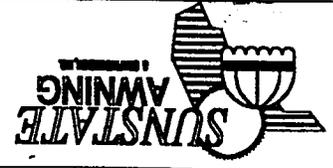
Page 1



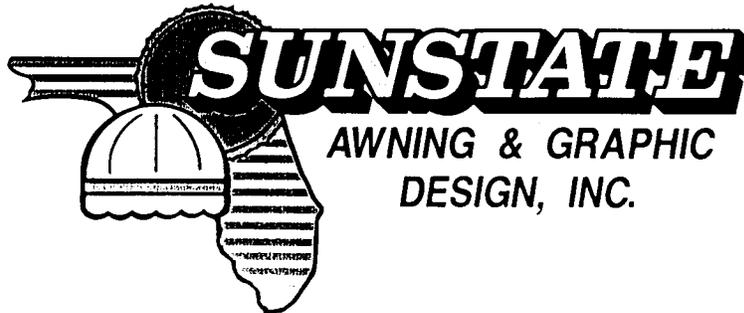
○ Axonometric View

David Terwilliger  
 407-330-0639  
 Frame Drawings

Contact: Alan Hanley  
 Sunstate Awning & Graph Design.  
 (407) 330-1044



Al  
 men



PROPOSAL PRESENTED TO:

**DAVID TERWILLEGER**  
WEST 13<sup>TH</sup> STREET

RE: AWNING (STANDARD STYLE)

1 @	5'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$340.00
1 @	10'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$514.00
1 @	15'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$676.00
1 @	20'0 WIDE	X	2'0 DROP	X	5'0 PROJECTION....	\$828.00

INCLUDES:

12 MONTH WORKMANSHIP WARRANTY  
5 YEAR FABRIC WARRANTY FROM MANUFACTURER  
WELDED STEEL FRAME CONSTRUCTION (MILL FINISH)  
FABRIC TO BE: VINYL  
VALANCE TO BE: LOOSE @ 8"  
GRAPHICS: N/A  
INSTALLATION  
ALL APPLICABLE TAXES

DOES NOT INCLUDE:

BUILDING PERMIT  
ENGINEER SIGN AND SEAL

FAXED  
3/5

THANK YOU FOR THE OPPORTUNITY!

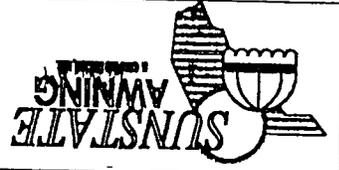
PROPOSAL BY: ALAN HANLEY

NOTE: PRICE IS GOOD FOR 30 DAYS FROM DATE OF PROPOSAL: 03/05/02

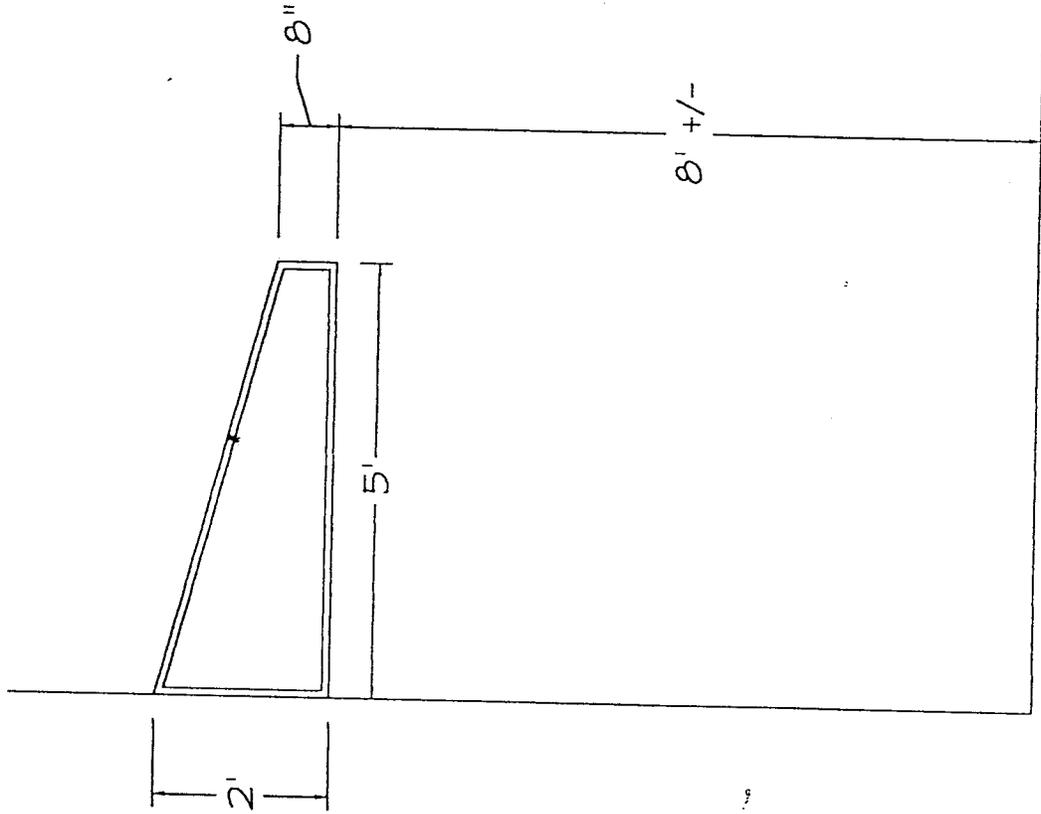
50 Keyes Court Sanford, Florida 32773 (407) 330-1044 FAX: (407) 330-1477

DAVID TERWILLIGER  
407-330-0639  
SECTION VIEW

Contact: Alan Hanley  
Sunstate Awning & Graph Design.  
(407) 330-1044



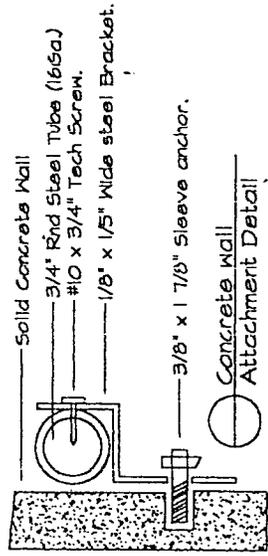
Page 1



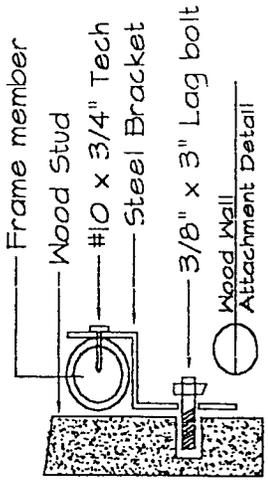
Section View

This certifies that these plans meet or exceed the 110 mph windload requirements of Section 1606, 1997 Edition of the Standard Building Code.

Notes:  
 All framing is made of 1" & 3/4" rnd (16 ga.) steel framing.  
 All connections are welded.  
 All cord members are 1" Rnd Steel.  
 All web members are 3/4" Rnd Steel  
 All fabric is fire retardent see attached certification.

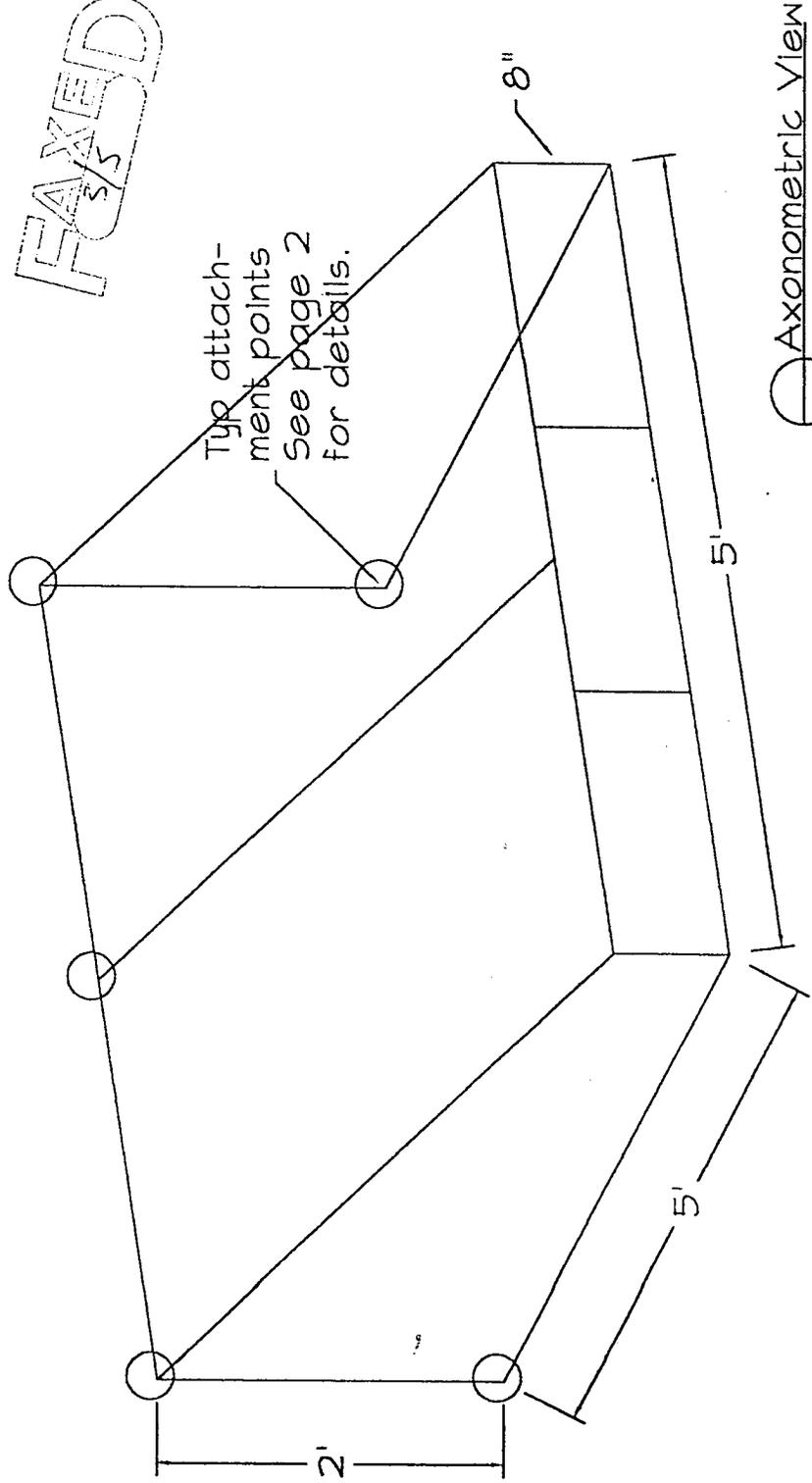


○ Wood Attachment Detail

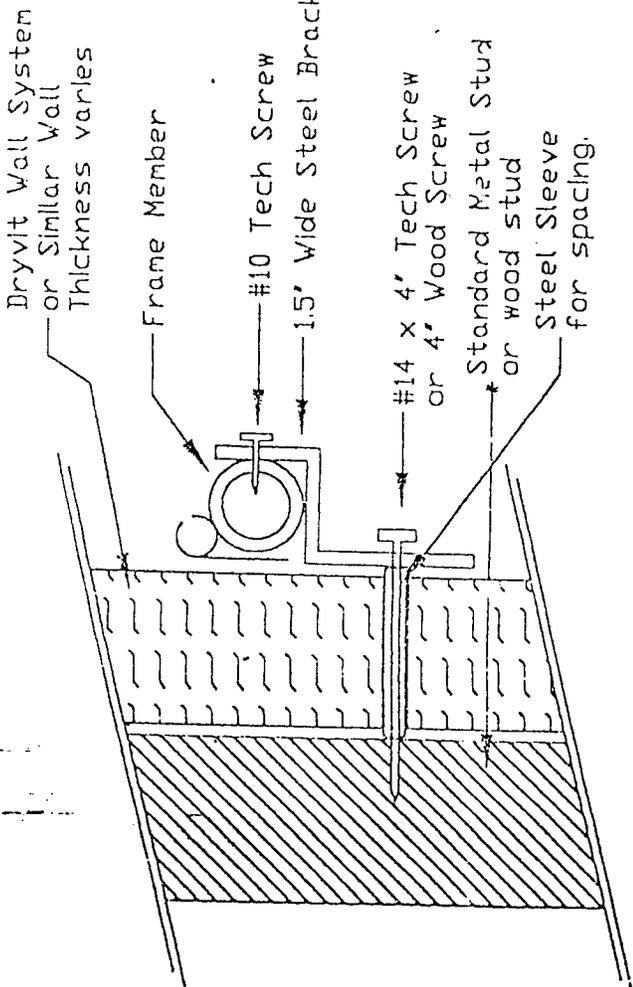


○ Wood Attachment Detail

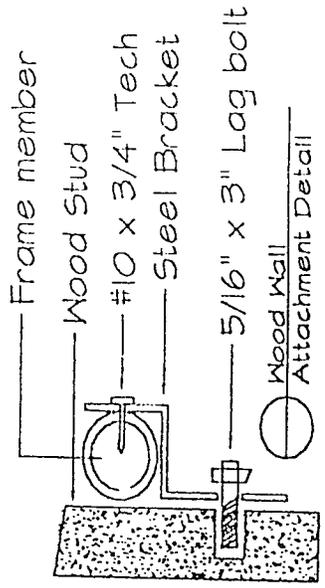
**FAXED**  
 3/5



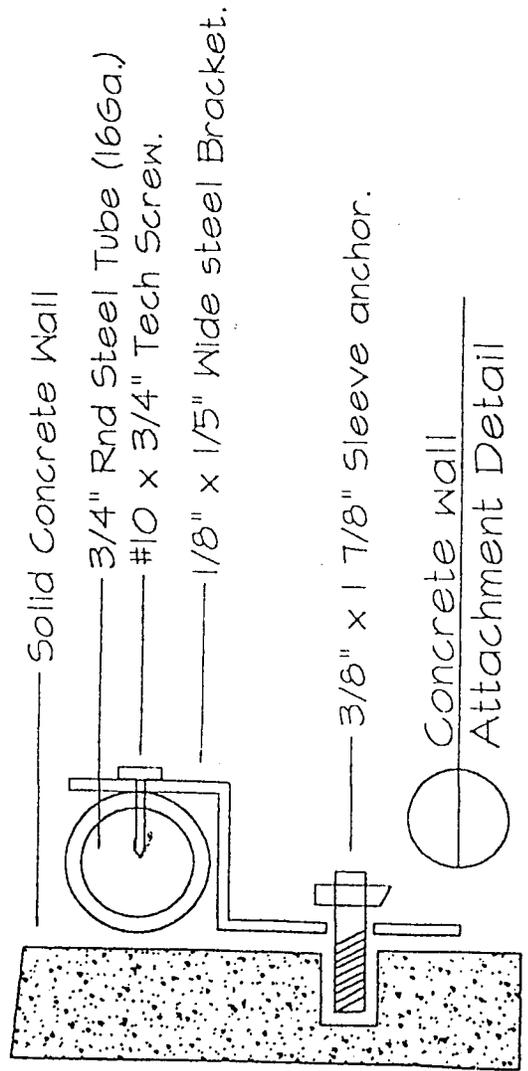
○ Axonometric View



Attachment Detail  
Dryvit Wall System



Wood Attachment Detail



Contact: Sonja Boston  
Sunstate Awning & Graph Design.  
(407) 330-1044

All apply to any area.  
Fastening Details

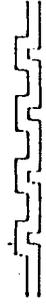




# VALANCE STYLES



WAVE



SHORT CREEK KEY



HIGH WAVE



CREEK KEY



COLONIAL



LONG CREEK KEY



LONG COLONIAL



SOUTHWEST



FRENCH COLONIAL

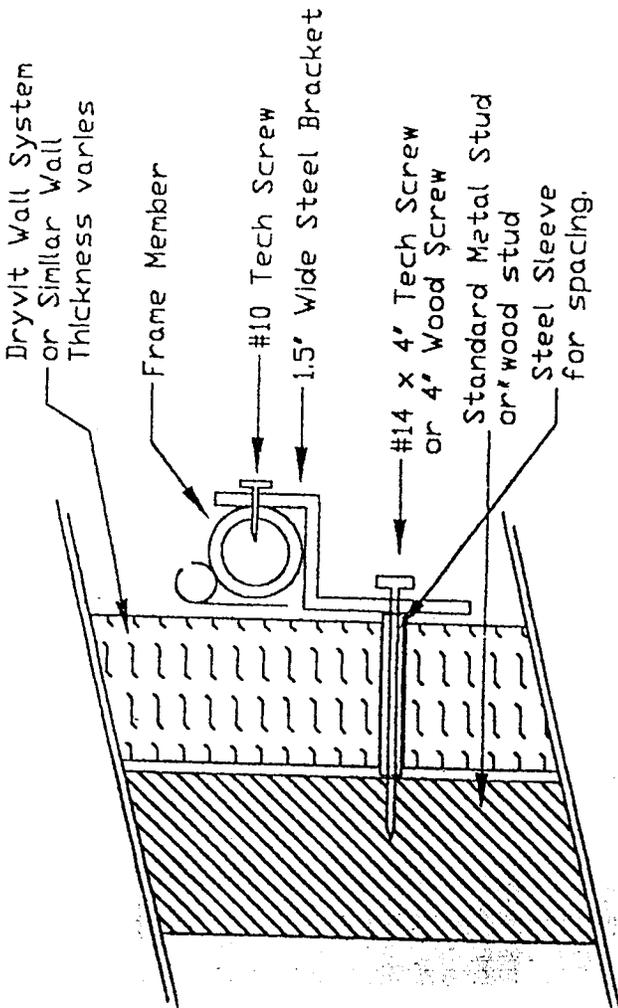


DUNE

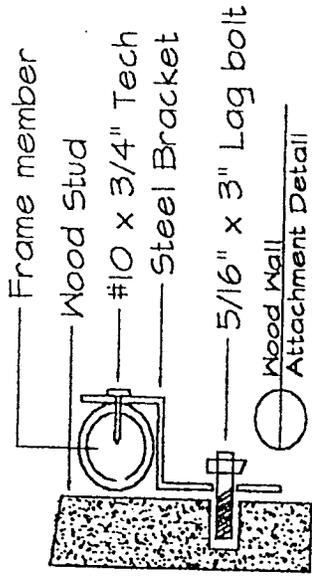
## **SECURITY BAR SPECIFICATIONS**

All apply to any area.  
Fastening Details

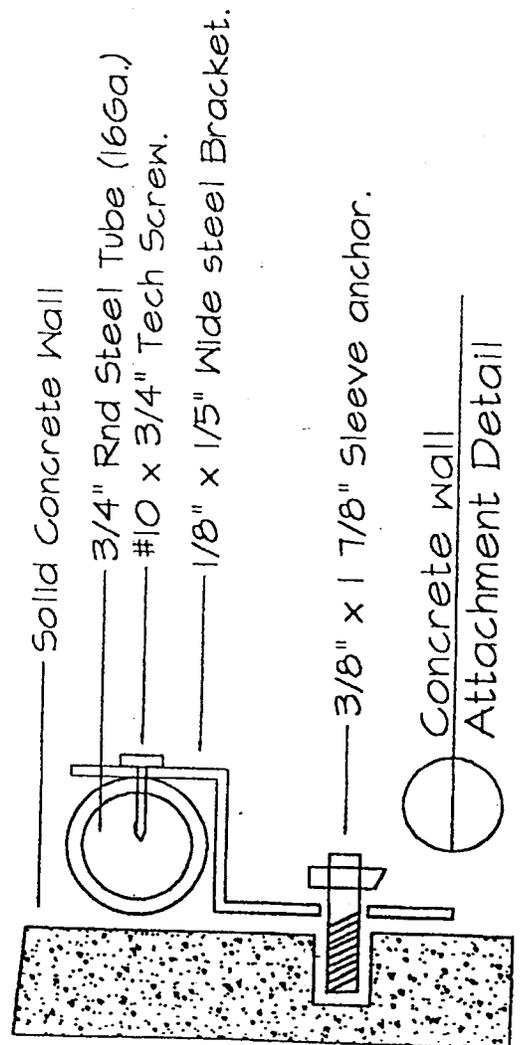
Contact: Sonja Boston  
Sunstate Awning & Graph Design.  
(407) 330-1044



Attachment Detail Dryvit Wall System



Wood Attachment Detail



Concrete wall Attachment Detail

**PAINT**

### ACRI-SHIELD® Acrylic Bonding Primer

515

ACRI-SHIELD Acrylic Bonding Primer No. 515 is a unique, exterior, oil modified, acrylic primer for bare wood and old, chalky paint surfaces. It is used for all types of new or previously painted commercial, institutional and residential exterior wood surfaces such as siding, trim, eaves, fascias, shutters, fences, etc. It can be used over both latex and alkyd paints (it is ideal for bridging from old oil paint systems to acrylics), and can be used over tannin-containing woods which will stain through other water based primers. Apply at temperatures 35°F to 110°F.

USED FOR	FEATURES
<ul style="list-style-type: none"> <li>• Wood siding</li> <li>• Wood trim, shutters</li> <li>• Manufactured siding</li> <li>• Fencing</li> <li>• Old, chalky paint surfaces including painted metal</li> <li>• Bridging from oil to acrylic paint systems</li> </ul>	<ul style="list-style-type: none"> <li>• Unique formulation</li> <li>• Outstanding acrylic wood primer</li> <li>• Adheres to chalky surfaces</li> <li>• With fungicide - resists film attack by mildew</li> <li>• Fast drying</li> <li>• Resists tannin bleed</li> <li>• Easy to apply, low odor</li> <li>• Easy soap &amp; water clean-up</li> </ul>

#### RECOMMENDED SYSTEMS

ACRI-SHIELD Acrylic Bonding Primer No. 515 functions as a primer over bare wood, and oil and latex paint surfaces. TYPICAL FINISHES OVER ACRY-SHIELD Acrylic Bonding Primer No. 515 are:

EXTERIOR	FLAT/SATIN	SEMI-GLOSS	GLOSS
Acrylic	519, 719, 929/ 739, 2809, 3729	619, 919, 6029	909, 2909

Low Temperature  
Acrylic: 579

Alkyd (Not recommended) 533 2749, 4139

Epoxy (Epoxy is not recommended as exterior finishes. Contact a Porter service center or the Porter Technical Services Department for appropriate solvent borne epoxy/polyurethane system when required.)

#### LIMITATIONS

Overspreading product will reduce stain blocking ability. Two coats may be required on woods containing high levels of tannins. Avoid application in direct sunlight or when air or surface temperature is above 110°F (43°C). Do not apply when temperatures are below 35°F (2°C), or will fall below within 24 hours. Do not apply in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Use for service below 150°F. Do not use on floors or on deck walking surfaces. Protect from freezing.

#### TECHNICAL DATA

Data below is based on White base.

Product Type: Acrylic  
 Bases/Colors: 515 White (tintable)  
 513 Extra Deep base  
 Sheen: Flat  
 Percent Solids: ~  
 Weight: 57 ± 2%  
 Volume: 43 ± 2%  
 PVC: 27 ± 2%  
 Weight/Gallon: 10.9 lb  
 Viscosity (Initial): 93-98 Krebs Units  
 Thinner:

Brush/Roller: If necessary, thin sparingly with clean water up to 1/2 pint per gallon.

Spray: Thin with clean water up to 1/2 pint per gallon.

Clean-up: Warm, soapy water.

Recommended Film Thickness:

Wet: 3.5 mils

Dry: 1.5 mils

Spread Rate (Theoretical):

Smooth Surfaces: Up to 450 sq. ft./gal.

Rough Surfaces: 200-300 sq. ft./gal.

Dry time (70°F @ 50% R.H.):

To Touch: 30 minutes

To Recoat: 1 hour

(Expect longer dry times at lower temperatures and higher relative humidity.)

Flash Point: > 200°F (> 93°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: TP-P-001984

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

#### REGULATORY DATA

VOC based on white base. See label for other base.

VOC (theoretical):

As supplied (untinted): 0.92 lb/gal (110 g/l)

## SURFACE PREPARATION

Paint only clean, dry (maybe damp, but not dripping), degreased and profiled surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint over, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, SoliX and water, Porter Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with a commercial mildew remover such as X-14 Mildew Remover or a mixture of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes).

**NEW WOOD:** Repair construction defects and sand as necessary. Spot prime knots and sap streaks with STA-KIL™ Primer/Sealer No. 164 or shellac. Fill openings and nail holes with TOP GUN™ Siliconized Acrylic Caulk No. 1414, or other suitable sealant. (NOTE: Best performance is achieved by spot priming nail heads with an appropriate primer before applying filler.) When sealant or other filler is well set, usually 1-4 hours for TOP GUN, prime and paint.

**REPAINT:** Remove loose and failing paint by power washing, hand scraping or power tool cleaning and sand edges smooth when applicable. Fill holes and gouges in wood and other substrates with wood patch or filler, etc. as appropriate. Sand patched areas smooth as necessary before priming bare areas and patches.

## INSTRUCTIONS FOR USE

**Tinting:** Tint with Porter DESIGN SPECTRUM® Colorants per label directions. Tint No. 515 White base with up to 12 ounces of colorant, and tint No. 513 XD base with up to 16 ounces of colorant. (NOTE: To approximate Porter DESIGN SPECTRUM light base colors, tint No. 515 with half the light base formula. For deep base colors, add formula full strength to No. 515.)

**Mixing:** Stir or shake thoroughly before application.

**Thinning:** Thin sparingly with clean water as necessary for proper application. Do not exceed 1 pint per gallon.

**Clean-up:** Clean tools and spray equipment with warm, soapy water immediately after use.

## Application:

**Conditions:** Temperature Range: 35°F to 110°F (air, surface, paint) Optimum paint temperature 65-85°F

**Dew Point:** Surface temperature must be at least 5°F above the dew point.

**Relative Humidity:** Maximum 85%

**Equipment:** Brushes: Use nylon or polyester brushes.

**Rollers:** Use 3/8" to 3/4" synthetic roller covers.

**Airless Spray:** Minimum 28:1 Ratio Pump; .015"-.018" tip; 1800-2400 psi; 1/4" High Pressure material hose.

**Directions:** New Work: Apply one or two coats of ACRI-SHIELD Acrylic Bonding Primer No. 515 as required. Finish with one or more coats of the selected Porter finish.

**Repaint:** Spot prime bare areas with one or two coats of ACRI-SHIELD Acrylic Bonding Primer No. 515 as required, then apply one or more coats of the selected Porter finish.

## PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

## SHIPPING

**Freight Classification:** PAINT OR PAINT RELATED MATERIAL

**Packaging:** 6 Quarts per carton; 4 Gallons per carton; 5-Gallon Pail

**Shipping Weights:** 2.8 lb/qt (17.3 lb/carton); 10.9 lb/gal (44.6 lb/carton); 53.3 lb/5-gal



The technical data furnished is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Technical data are theoretical values and subject to change without prior notice.

Porter Paints 400 South 13th Street, Louisville, Kentucky 40203 1-800-332-6270 [www.porterpaints.com](http://www.porterpaints.com)

## PORTER GUARD™ Alkyd Metal Primer

272  
276

**PORTER GUARD Alkyd Metal Primer No. 272/276** is a high quality, interior/exterior, corrosion inhibitive, alkyd primer for use over properly prepared steel, aluminum and other metals except galvanized (but can be used to prime rusted areas on galvanized). This primer is excellent for use under alkyd and latex finishes. Use in mild industrial and marine environments (must be topcoated in exterior exposures). PORTER GUARD Alkyd Metal Primer No. 272/276 can be used as a high quality shop primer that offers a higher level of exterior durability to protect steel during extended periods between priming and topcoating. Available in red (No. 272) and white (No. 276).

### USES

- Priming iron, steel, aluminum, copper, brass
- Corrosion protection
- High quality shop primer for longer times between prime and finish
- Versatile
- Barrier film & rust inhibitive
- Protects metals

### RECOMMENDED SYSTEMS

PORTER GUARD Alkyd Metal Primer No. 272/276, applied one coat (or two coats for severe service under emulsion latex finishes) functions as a metal primer under all architectural and industrial finishes that do not have strong solvents such as lacquer and solvent-borne epoxies. **Typical Finishes Over PORTER GUARD Alkyd Metal Primer No. 272/276 are:**

	LAT/SATIN	SEMI-GLOSS	GLOSS
<b>INTERIOR</b>			
Latex	689, 999/389 1119, 2809, 6079	109, 919, 1139 6089, 2809	909, 2909
Alkyd WB Epoxy	650/129	149, 439 9321, 9549S	2549, 2749, 4139 9371, 9549G
<b>EXTERIOR</b>			
Latex	519, 719, 929/ 739, 2809, 3729	619, 919, 6029	909, 2909
Alkyd (Not recommended)		533	2749, 4139

NOTE: See Porter Paints finishes data sheets for additional recommended systems appropriate for various substrates.

### LIMITATIONS

Do not apply when air or surface temperature is below 35° (2°C) or above 110° (43°C). Surface temperature must be at least 5° above dew point. For optimum application properties, bring material to 70-100° (21-37°C) temperature range prior to mixing or application. Use for service below 200°. Avoid application or overspray of finishes with strong solvents. Prior to use, maintain product in protected storage between 40 and 100° (4-38°C).

### TECHNICAL DATA

<b>Product Type:</b>	Alkyd	
<b>Colors:</b>	<b>Red</b>	<b>White</b>
<b>Sheen:</b>	lat	lat
<b>Percent Solids:</b>		
<b>Weight:</b>	68 ± 2%	72 ± 2%
<b>Volume:</b>	45 ± 2%	44 ± 2%
<b>PVC:</b>	45 ± 2%	40 ± 2%
<b>Weight/Gallon:</b>	11.3 lb	11.5 lb
<b>Viscosity (Initial):</b>	77 - 84 Krebs Units	
<b>Thinner:</b>	Thinning is not required under normal environmental and application conditions.	
<b>Brush/Roller:</b>	Thin sparingly as necessary with Porter Paint Thinner No. 5132. Do not exceed 6 ounces per gallon.	
<b>Spray:</b>	Thin up to 6 ounces per gallon with Porter T-2 Spraying Thinner (5131).	

(NOTE: With this amount of thinner, this product will meet the 450 g/l VOC limit for Architectural and Industrial Maintenance products. Local regulations may permit additional thinning.)

**Clean-up:** Porter Paint Thinner No. 5132.

### Recommended Film Thickness:

<b>Wet:</b>	4.4 mils	5.0 mils
<b>Dry:</b>	2.0 mils	2.0 mils

**Spread Rate (Theoretical):** up to 365 sq. ft./gal.

### Dry time (70° @ 50% R.H.):

<b>To Touch:</b>	30 minutes
<b>To Handle:</b>	2½ hours
<b>To Recoat:</b>	16 hours

(Expect longer dry times at lower temperatures and higher relative humidity).

**Flash Point:** 109° (43°C)

**Flame Spread Rating:** Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

**Federal Specification Crossovers:** TT-C-530B; TT-P-645

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossovers.)

Note: This product is not formulated with lead or mercury containing materials.

### REGULATORY DATA

<b>VOC (theoretical):</b>	<b>No. 272 Red</b>	<b>No. 276 White</b>
As supplied:	3.49 lb/gal (418 g/l)	3.45 lb/gal (413 g/l)
When thinned to maximum*:	3.63 lb/gal (435 g/l)	3.59 lb/gal (430 g/l)

\*Maximum thinning allowed for 450 g/l AIM limitation. Do not exceed local regulations.

## SURFACE PREPARATION

Paint only clean, dry, deglossed and profiled (blasted, scarified or chemical treated) surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Sollix and water, Porter Paint Thinner No. 5132 or other appropriate cleaners per SSPC-SP 1 cleaning procedures. Remove loose paint, mill scale, rust, etc. by Hand Tool Cleaning (SSPC-SP 2), Power Tool Cleaning (SSPC-SP 3) or Commercial Blast Cleaning (SSPC-SP 6). For mild service, treat rust with Metalprep® 79 (also clean other metals with Metalprep 79 prior to painting or as a pre-cleaner prior to other chemical treatment). Treat aluminum with Alumiprep® 33.

## INSTRUCTIONS OR USE

**Tinting:** If required, tint with up to 6 ounces with Porter DESIGN SPECTRUM® Colorants per label instructions.

**Mixing:** Stir or shake thoroughly before application.

**Thinning:** Thinning is not required under normal environmental and application conditions. If necessary for brush or roller, thin with a small amount (up to 6 ounces per gallon) of Porter Paint Thinner No. 5132. For spraying, thin up to 6 ounces of Porter T-2 Spraying Thinner (5131) per gallon.

**Clean-up:** Clean tools and spray equipment immediately after use with Porter Paint Thinner No. 5132.

**Application:**

<b>Conditions:</b>	<b>Temperature Range:</b>	35° to 110° (air, surface paint) (Optimum paint temperature 65-80°)
	<b>Dew Point:</b>	Surface temperature must be at least 5° above the dew point.
	<b>Relative Humidity:</b>	Maximum 85%
<b>Equipment:</b>	<b>Brushes:</b>	Use nylon/polyester or china bristle brushes.
	<b>Rollers:</b>	Use polyester or lambswool roller covers.
	<b>Airless Spray:</b>	Minimum 28:1 Ratio Pump; .015"-.017" tip; 1800-2400 psi; ¼ ID High Pressure Material hose.
	<b>Conventional Spray:</b>	DeVilbiss MBC Gun; E Tip; 704 Air Cap; double regulated pressure tank with oil and moisture separator; 20-50 Atomizing Pressure; 10-25 Fluid Pressure.
<b>Directions:</b>	<b>New Work:</b>	Apply one or two coats of PORTER GUARD Alkyd Metal Primer No. 272/276 as required. Finish with one or more coats of the selected Porter finish.
	<b>Repaint:</b>	Spot prime bare areas with PORTER GUARD Alkyd Metal Primer No. 272/276, then apply one more coats of the selected Porter finish.

## PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

## SHIPPING

**Freight Classification:** PAINT OR PAINT RELATED MATERIAL

**Packaging:** 4 gallons per carton; 5-gallon pail

**Shipping Weights:** **272 Red:** 12.1 lb/gal (49.4 lb/carton); 60.9 lb/5-gal  
**276 White:** 12.3 lb/gal (50.2 lb/carton); 61.9 lb/5-gal



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Porter Coatings 400 South 13th Street, Louisville, Kentucky 40203 1-800-332-6270 www.porterpaints.com

# PORTER

## PAINTS

### ACRI-PRO™ 100 FLAT Exterior Acrylic Paint

929

ACRI-PRO 100 FLAT Exterior Acrylic Paint No. 929 Series is a top professional quality, exterior, 100% acrylic, flat house paint. Its matte flat finish maximizes uniformity over rough, irregular surfaces. It is used for all types of new or previously painted commercial, institutional and residential exterior wood and masonry surfaces such as siding, trim, eaves, fascias, shutters, fences, properly prepared brick, block, stucco and concrete surfaces, vinyl, primed metals and metal siding, vinyl siding and trim, etc.

#### USED FOR

- Wood siding, trim
- Manufactured siding
- Vinyl siding, trim
- Brick
- Concrete
- Concrete block (CMU)
- Stucco
- Fencing, shutters

#### FEATURES

- 100% acrylic
- Excellent weather resistance
- Non-yellowing
- Resists blistering & peeling
- Easy to apply, low odor
- Easy soap & water clean-up
- Mildew resistant\*

\*This paint contains agents which inhibit the growth of mildew on the surface of this paint.

#### RECOMMENDED SYSTEMS

ACRI-PRO 100 FLAT Exterior Acrylic Paint No. 929 series can be applied to a wide variety of primed substrates. Finish the following primed surfaces with one or two coats of ACRI-PRO 100 FLAT Exterior Acrylic Paint No. 929 series:

SUBSTRATE	TYPICAL PRIMERS*
Aluminum, Bare:	286, 296
Aluminum Siding, Good condition:	335, 515, self-prime
, Badly weathered:	565, 898, 74130
Copper:	286, 296
Exterior Sheathing (Overheads):	335, 515, 565, 74130
Manufactured Siding (follow mfr's instruction):	335, 515, 565, 898, 74130
Masonry	
Brick:	898, 6010, 6015
Concrete:	898, 6010, 6015
Concrete Block (CMU):	222, 896, 9203
Repaint:	335, 515, 565, 898, 74130, self-prime
Steel, iron:	272/276, 286, 290, 296, 299
Steel, Galvanized:	215, 290, 335, self-prime
Stucco, Cement Plaster:	335, 898, 6010, 6015, self-prime
Vinyl Siding**:	335, 515, self-prime
Wood:	335, 515, 565, 74130

\*NOTE: First coat on porous substrates is always thinned 10-20% to aid penetration.

\*\*NOTE: Do not paint vinyl with colors darker than the original vinyl color.

#### LIMITATIONS

Do not apply in direct sunlight or when air or surface temperature is below 50°F or above 110°F. Do not apply in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Use for service below 150°F. Do not use on floors or deck walking surface. Protect from freezing.

#### TECHNICAL DATA

Data below is based on White base.

Product Type:	Acrylic
Bases/Colors:	930 White base 929 Light base 928 Deep base 924 UD base
Sheen, 85°:	Matte flat (typical range: 1 - 3)
Reflectance:	94 ± 1%
Percent Solids:	
Weight:	53 ± 2%
Volume:	36 ± 2%
PVC:	45 ± 2%
Weight/Gallon:	11.3 lb
Viscosity (Initial):	105-110 Krebs Units
Thinner:	

Brush/Roller: If necessary, thin sparingly with clean water up to 1 pint per gallon.

Spray: Thin with clean water up to 1 pint per gallon.

Clean-up: Warm, soapy water.

Recommended Film Thickness:

Wet: 3.9 mils

Dry: 1.4 mils

Spread Rate (Theoretical):

Smooth Surfaces: Up to 410 sq. ft./gal.

Rough Surfaces: 200-300 sq. ft./gal.

Dry time (70°F @ 50% R.H.):

To Touch: 1 hour

To Recoat: 3 hours

Full Service: 15-30 days

(Expect longer dry times at lower temperatures and higher relative humidity.)

Flash Point: > 200°F (> 93°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: TTP-19D

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

#### REGULATORY DATA

VOC based on white base. See labels for other bases.

VOC (theoretical):

As supplied (untinted): 0.59 lb/gal (7.1 g/l)

## SURFACE PREPARATION

Paint only clean, dry (maybe damp, but not dripping), deglossed and profiled surfaces. Remove dirt, oils, grease, wax, form oils, release agents, sanding dust, paint over, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with a commercial mildew remover such as X-14 Mildew Remover or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes). NEW WOOD: Repair construction defects, sand as necessary and prime new wood. After primer is dry, fill openings and nail holes with TOP GUN™ Siliconized Acrylic Caulk No. 1414, or other suitable sealant. Spot prime the caulk when well set, usually 1-4 hours. Spot prime knots and sap streaks with STA-KILF™ Primer/Sealer No. 164 or shellac. REPAINT: Remove loose and failing paint by power washing, hand scraping or power tool cleaning and sand edges smooth when applicable. Fill holes and gouges in wood and other substrates with wood patch or filler, etc. as appropriate. Sand patched areas smooth as necessary before priming bare areas and patches. NOTE: Always prime chalky paints and surfaces with an appropriate Porter penetrating primer such as ACRY-PRO 100 Acrylic Primer No. 335, EASY HIDE™ House Paint Primer No. 545, PORTERLOCK™ Pigmented Bonding Coat No. 898, PORTERLOCK WB Acrylic Pigmented Sealer No. 6010 or PORTERLOCK WB Acrylic Clear Sealer No. 6015.

NEW CONCRETE/MASONRY/STUCCO: Let new concrete, masonry and stucco cure 28 days before painting. (NOTE: Polymer modified thin coat stucco can usually be painted within 7-14 days depending upon drying conditions. Follow stucco manufacturer's instructions.) Remove any remaining deeply embedded contaminants such as curing compounds by abrasive blasting. Remove efflorescence by pressure washing or with a dilute muriatic acid solution following manufacturer's instructions. (CAUTION: When mixing and using, always add acid to water, and wear appropriate eye and skin protection.) Fill cracks and holes with Bondex Concrete Patch or other appropriate filler. For new concrete block (CMU), apply an appropriate Porter block filler (SEE RECOMMENDED SYSTEMS) before painting.

## INSTRUCTIONS FOR USE

Tinting: Tint with Porter DESIGN SPECTRUM® Colorants per label directions. For XD base colors, use the Ultra Deep base and add 2 ounces/gallon of VV colorant to the XD base formula.

Mixing: Stir or shake thoroughly before application.

Thinning: Thin sparingly with clean water as necessary for proper application. Do not exceed 1 pint per gallon.

Clean-up: Clean tools and spray equipment with warm, soapy water immediately after use.

Application:

Conditions: Temperature Range:	50°F to 110°F (air, surface, paint) (Optimum paint temperature 65-85°F)
Dew Point:	Surface temperature must be at least 5°F above the dew point.
Relative Humidity:	Maximum 85%
Equipment: Brushes:	Use nylon or polyester brushes.
Rollers:	Use 3/8" to 3/4" synthetic roller covers.
Airless Spray:	Minimum 28:1 Ratio Pump; .015"-.018" tip; 1800-2400 psi; 1/4" High Pressure material hose.

Directions: New Work: Apply a uniform coat of appropriate primer or block filler per primer data sheet instructions (SEE RECOMMENDED SYSTEMS) at the millage specified for the application. Finish with one or more coats of ACRY-PRO 100 FLAT Exterior Acrylic Paint No. 929 series.

Repaint: Spot prime bare areas as required with an appropriate primer (SEE RECOMMENDED SYSTEMS), then apply one or more coats of ACRY-PRO 100 FLAT Exterior Acrylic Paint No. 929 series.

Washing Instructions: Protect the finish from abuse and contamination until well cured, at least 4-6 weeks. Try to avoid washing the finish for 30 days. For large areas, wash with a soft sponge and a solution of PORTERPREP Heavy Duty Cleaner No. 571, Soilax or ISP and water. Form marks, pencil, etc., clean with a damp sponge and powdered cleanser.

## PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

## SHIPPING

Freight Classification: PANT OR PAINT RELATED MATERIAL

Packaging: 4 Gallons per carton; 5-Gallon Pail

Shipping Weights: 12.1 lb/gal (49.4 lb/carton); 59.4 lb/5-gal



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Porter Paints 400 South 13th Street, Louisville, Kentucky 40203 1-800-332-6270 www.porterpaints.com

### ACRI-SHIELD® FLAT Exterior Acrylic Paint

519

ACRI-SHIELD FLAT Exterior Acrylic Paint No. 519 Series is a superior, exterior, 100% acrylic, flat house paint. It is used for all types of new or previously painted commercial, institutional and residential exterior wood and masonry surfaces such as siding, trim, eaves, fascias, shutters, fences, properly prepared brick, block, stucco and concrete surfaces, vinyl primed metals and metal siding, vinyl siding and trim, etc. It can be used over both latex and alkyd paints.

USED FOR	FEATURES
<ul style="list-style-type: none"> <li>• Wood siding, trim</li> <li>• Manufactured siding</li> <li>• Vinyl siding, trim</li> <li>• Brick</li> <li>• Concrete</li> <li>• Concrete block (CMU)</li> <li>• Stucco</li> <li>• Fencing, shutters</li> </ul>	<ul style="list-style-type: none"> <li>• 100% acrylic</li> <li>• Superior weather resistance</li> <li>• Non-yellowing</li> <li>• Washable</li> <li>• Easy to apply, low odor</li> <li>• Easy soap &amp; water clean-up</li> <li>• Mildew resistant*</li> </ul> <p>*This paint contains agents which inhibit the growth of mildew on the surface of this paint.</p>

#### RECOMMENDED SYSTEMS

ACRI-SHIELD FLAT Exterior Acrylic Paint No. 519 series can be applied to a wide variety of primed substrates. Finish the following primed surfaces with one or two coats of ACRI-SHIELD FLAT Exterior Acrylic Paint No. 519 series:

SUBSTRATE	TYPICAL PRIMERS*
Aluminum, Bare:	286, 296
Aluminum Siding, Good condition:	515, self-prime
, Badly weathered:	565, 898, 74130
Copper:	286, 296
Exterior Sheathing (overheads):	515, 565, 74130
Manufactured Siding (follow manufacturer's instruction):	515, 565, 898, 74130
Masonry	
Brick:	898, 6010, 6015
Concrete:	898, 6010, 6015
Concrete Block (CMU):	222, 896, 9203
Repaint:	515, 565, 898, 74130, self-prime
Steel, iron:	272/276, 286, 290, 296, 299
Steel, Galvanized:	215, 290, self-prime
Stucco, Cement Plaster:	898, 6010, 6015, self-prime
Vinyl Siding**:	515, self-prime
Wood:	515, 565, 74130

\*NOTE: First coat on porous substrates is always thinned 10-20% to aid penetration.

\*\*NOTE: Do not paint vinyl with colors darker than the original vinyl color.

#### LIMITATIONS

Do not apply in direct sunlight or when air or surface temperature is below 50°F or above 110°F. Do not apply in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Use for service below 150°F. Do not use on floors or deck walking surface. Protect from freezing.

#### TECHNICAL DATA

Data below is based on White base.

Product Type:	Acrylic	
Bases/Colors:	519 Light base	520 White
	518 Deep base	524 Autumn Red
	514 UD base	526 Bark Brown
		528 Black

Sheen, 85°: Flat (typical range: 8 - 14)

Reflectance: 96 ± 1%

Percent Solids:

    Weight: 52 ± 2%

    Volume: 37 ± 2%

PVC: 28 ± 2%

Weight/Gallon: 10.8 lb

Viscosity (initial): 96-101 Krebs Units

Thinner:

Brush/Roller: If necessary, thin sparingly with clean water up to 1 pint per gallon.

Spray: Thin with clean water up to 1 pint per gallon.

Clean-up: Warm, soapy water.

Recommended Film Thickness:

    Wet: 4.0 mils

    Dry: 1.5 mils

Spread Rate (Theoretical):

    Smooth Surfaces: Up to 400 sq. ft./gal.

    Rough Surfaces: 200-300 sq. ft./gal.

Dry time (70°F @ 50% R.H.):

    To Rain spot or

    Dust proof: 30 minutes

    To Recoat: 1 hour

    Full Service: 15-30 days

(Expect longer dry times at lower temperatures and higher relative humidity.)

Flash Point: > 200°F (> 93°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: TT-P-19D

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

Note: This product is not formulated with lead or mercury containing materials.

#### REGULATORY DATA

VOC based on white base. See labels for other bases.

VOC (theoretical):

As supplied (untinted): 0.64 lb/gal (77 g/l)

## SURFACE PREPARATION

Paint only clean, dry (may be damp, but not dripping), degreased and profiled surfaces. Remove dirt, oils, grease, wax, form oils, release agents, sanding dust, paint remaining, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with a commercial mildew remover such as X-14 Mildew Remover or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes). NEW WOOD: Repair construction defects, sand as necessary and prime new wood. After primer is dry, fill openings and nailholes with TOP GUN™ Silyonized Acrylic Caulk No. 1414, or other suitable sealant. Spotprime the caulk when well set, usually 1-4 hours. Spotprime knots and sap streaks with STA-KIL™ Primer/Sealer No. 164 or shellac. REPAINT: Remove loose and failing paint by powerwashing, hand scraping or power tool cleaning and sand edges smooth when applicable. Fill holes and gouges in wood and other substrates with wood patch or filler, etc. as appropriate. Sand patched areas smooth as necessary before priming bare areas and patches. NOTE: Always prime chalky paints and surfaces with an appropriate Porter penetrating primer such as ACRISHIELD Acrylic Bonding Primer No. 515, EASYHIDE™ House Paint Primer No. 565, PORTERLOCK™ Pigmented Bonding Coat No. 898, PORTERLOCK WB Acrylic Pigmented Sealer No. 6010, or PORTERLOCK WB Acrylic Clear Sealer No. 6015.

NEW CONCRETE/MASONRY/STUCCO: Let new concrete, masonry and stucco cure 28 days before painting. (NOTE: Polymer modified thin coat stucco can usually be painted within 7-14 days depending upon drying conditions. Follow stucco manufacturer's instructions.) Remove any remaining deeply embedded contaminants such as curing compounds by abrasive blasting. Remove efflorescence by pressure washing or with a dilute muriatic acid solution following manufacturer's instructions. (CAUTION: When mixing and using, always add acid to water, and wear appropriate eye and skin protection.) Fill cracks and holes with Bondex Concrete Patch or other appropriate filler. For new concrete block (CMU), apply an appropriate Porter block filler (SEE RECOMMENDED SYSTEMS) before painting.

## INSTRUCTIONS FOR USE

Tinting: Tint with Porter DESIGN SPECTRUM® Colorants per label directions. For XD base colors, use the Ultra Deep base and add 2 ounces/gallon of VV colorant to the XD base formula.

Mixing: Stir or shake thoroughly before application.

Thinning: Thin sparingly with clean water as necessary for proper application. Do not exceed 1/2 pint per gallon.

Clean-up: Clean tools and spray equipment with warm, soapy water immediately after use.

Application:

Conditions: Temperature Range:	50°F to 110°F (air, surface, paint) (Optimum paint temperature 65-85°F)
Dew Point:	Surface temperature must be at least 5°F above the dew point.
Relative Humidity:	Maximum 85%
Equipment: Brushes:	Use nylon or polyester brushes.
Rollers:	Use 3/8" to 3/4" synthetic roller covers.
Airless Spray:	Minimum 28:1 Ratio Pump; .015"-.018" tip; 1800-2400 psi; 1/4" High Pressure material hose.
Directions: New Work:	Apply a uniform coat of appropriate primer or block filler per primer data sheet instructions (SEE RECOMMENDED SYSTEMS) at the millage specified for the application. Finish with one or more coats of ACRISHIELD FLAT Exterior Acrylic Paint No. 519 series.
Repaint:	Spotprime bare areas as required with an appropriate primer (SEE RECOMMENDED SYSTEMS), then apply one or more coats of ACRISHIELD FLAT Exterior Acrylic Paint No. 519 series.

Washing Instructions: Protect the finish from abuse and contamination until well cured, at least 4-6 weeks. Try to avoid washing the finish for 30 days. For large areas, wash with a soft sponge and a solution of PORTERPREP Heavy Duty Cleaner No. 571, Soilax or TSP and water. For marks, pencil, etc., clean with a damp sponge and powdered cleanser.

## PRECAUTIONS:

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

## SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: 6 Quarts per carton; 4 Gallons per carton; 5-Gallon Pail

Shipping Weights: 3.0 lb/qt (18.5 lb/carton); 11.6 lb/gal (47.4 lb/carton); 56.9 lb/5-gal



The technical data furnished is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Technical data are theoretical values and subject to change without prior notice.

Porter Paints 400 South 13th Street, Louisville, Kentucky 40203 1-800-332-6270 www.porterpaints.com

### ACRYLIC LOOR ENAMEL

1069

**ACRYLIC LOOR ENAMEL No. 1069 Series** is an excellent interior/exterior, waterborne, pigmented, acrylic primer/finish for above or below grade wood or concrete floors, porches, patios, steps, walks, etc., that are not subject to hot tire traffic. It is available in a full range of colors and two popular ready mix colors.

USED OR	FEATURES
• Wood	• 100% acrylic
• Concrete	• Fast drying
• Basement floors	• Durable
• Porches	• Low sheen, slip resistant
• Patios	• Resists mild chemicals
• Walkways	• Breathes; allows moisture vapor to pass through
• Steps	• Easy soap & water clean-up

#### RECOMMENDED SYSTEMS

ACRYLIC LOOR ENAMEL No. 1069 Series is used to prime and finish properly prepared concrete floors and other concrete walking surfaces in moderate service. **The typical system for ACRYLIC LOOR ENAMEL NO. 1069 Series is:**

- Primer:** One coat of ACRYLIC LOOR ENAMEL thinned one pint per gallon.  
**Finish:** One or two coats of ACRYLIC LOOR ENAMEL unthinned.

#### LIMITATIONS

**Do not use on garage floors, driveways, or any other areas exposed to hot tires.** Do not apply when air or surface temperature is below 50° or above 110°. Surface temperature must be at least 5° above dew point. For optimum application properties, bring material to 60-80° (16-27°C) temperature range prior to mixing or application. Use for service below 150°. **Protect from freezing.**

#### TECHNICAL DATA

Data below is based on Light base.

- Product Type:** Acrylic  
**Bases/Colors:** 1069 Light base 1071 Tile Gray  
 1068 Deep base 1079 Tile Red  
 1067 XD base  
**Sheen, 85°:** Satin (Typical range: 17 - 23)  
**Reflectance:** 97 ± 2%  
**Percent Solids:**  
     **Weight:** 53 ± 2%  
     **Volume:** 39 ± 2%  
**PVC:** 28 ± 2%  
**Weight/Gallon:** 11.0 lb  
**Viscosity (Initial):** 75 - 80 Krebs Units  
**Thinner: Brush/Roller/Spray:**

Thin the first coat with 1 pint per gallon of clean water. Do not thin subsequent coats.

- Clean-up:** Warm, soapy water.  
**Recommended Film Thickness:**  
     **Wet:** 3.2 mils  
     **Dry:** 1.2 mils

- Spread Rate (Theoretical):** Up to 500 sq. ft./gal.  
**Dry time (70° @ 50% R.H.):**  
     **To Walk On:** 4-6 hours  
     **To Recoat:** 3-4 hours  
     **Normal Traffic:** 16 hours

(Expect longer dry times at lower temperatures and higher relative humidity.)

**Flash Point:** >200° (>93°C)

**Flame Spread Rating:** Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

**Federal Specification Crossover:** None

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

Note: This product is not formulated with lead or mercury containing materials.

#### REGULATORY DATA

VOC based on Light base. See labels for other bases.

**VOC (theoretical):**

As supplied (untinted): 1.36 lb/gal (163 g/l)

## SURFACE PREPARATION

or best performance, allow new concrete to cure for 28 days before painting.

Paint only clean, dry, deglossed and profiled (blasted, scarified or chemical treated) surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax or TSP and water, Porter Paint Thinner No. 5132 or other appropriate cleaners. Fill cracks and holes in masonry and concrete with Bondex Concrete Patch or other appropriate filler.

**BARE CONCRETE:** Acid etch bare concrete per ASTM Method D 4260: Standard Practice for Acid Etching Concrete (ALSO SEE PORTER TECHNICAL BULLETIN #14: GUIDE TO ACID ETCHING CONCRETE); or sweep blast as appropriate.

**REPAINT:** Remove loose paint by Hand Tool Cleaning (SSPC-SP 2), Power Tool Cleaning (SSPC-SP 3) or Commercial Blast Cleaning (SSPC-SP 6) as appropriate. Acid etch bare concrete areas if possible, or wire brush to remove laitance. Remove residues from the acid etching or wire brushing procedures by flushing with running water while scrubbing, or by vacuuming when the surface is wet. (NOTE: Do not allow residues to dry down in the pores. Residues left in the pores will likely lead to adhesion failure.) To assure successful overcoating, moisture content must be below 12%. Test for moisture content with a moisture meter or by ASTM Test Method D 4263-83: Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method.

## INSTRUCTIONS OR USE

**Tinting:** Tint with Porter DESIGN SPECTRUM® Colorants per label instructions.

**Mixing:** Stir or shake thoroughly before application.

**Thinning:** Thin the first coat with 1 pint per gallon of clean water. Do not thin subsequent coats.

**Clean-up:** Clean tools and spray equipment with warm, soapy water immediately after use.

**Application:**

<b>Conditions: Temperature Range:</b>	50° to 100° (air, surface, paint) (Optimum paint temperature 65-80° )
<b>Dew Point:</b>	Surface temperature must be at least 5° above the dew point.
<b>Relative Humidity:</b>	Maximum 85%
<b>Equipment: Brushes:</b>	Use nylon or polyester brushes.
<b>Rollers:</b>	Use 3/8" to 1/2" polyester or lambswool roller covers.
<b>Airless Spray:</b>	Minimum 28:1 Ratio Pump; .015"-.019" tip; 1800-2400 psi; 1/4" high pressure material hose.
<b>Directions: New Work:</b>	Apply a uniform coat of thinned ACRYLIC LOOR ENAMEL No. 1069 Series at the specified millage. Finish with one or more coats of the same product, unthinned.
<b>Repaint:</b>	Spot prime bare areas with a coat of thinned ACRYLIC LOOR ENAMEL No. 1069 Series. Finish with one or more coats of the same product, unthinned.

## PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

## SHIPPING

**Weight Classification:** PAINT OR PAINT RELATED MATERIAL

**Packaging:** 4 Gallons per carton (NOTE: Tile Gray is also available in quarts-6 quarts/carton)

**Shipping Weights:** 10.1 lb/gal (41.6 lb/carton)



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Porter Paints 400 South 13th Street, Louisville, Kentucky 40203 1-800-332-6270 www.porterpaints.com

## ACRIFIL™ Interior/Exterior Acrylic Block Filler

896

ACRIFIL Interior/Exterior Acrylic Block Filler No. 896 is a premium interior/exterior, water-resistant, acrylic latex block filler for all types of properly prepared masonry surfaces. Used primarily to fill pores in concrete and cinder block walls, ACRIFIL Interior/Exterior Acrylic Block Filler No. 896 is also used to smooth and level other masonry and concrete surfaces. It can be overcoated with suitable architectural and light industrial coatings that do not contain strong solvents.

### USED FOR

- Block filler on unpainted masonry

### FEATURES

- Excellent filling
- Low odor, low VOC
- Easy application
- Easy clean up

### RECOMMENDED SYSTEMS

ACRIFIL Interior/Exterior Acrylic Block Filler No. 896 can be overcoated with architectural and light industrial paints and coatings that do not contain strong solvents. In some cases, because of the rough surfaces being painted, two coats of the selected Porter finish may be required to produce a uniform appearance and provide maximum performance. Typical finishes over ACRIFIL Interior/Exterior Acrylic Block Filler No. 896 are:

INTERIOR	FLAT/SATIN	SEM I-GLOSS	GLOSS
Latex	689,999/389 1119,2809,6079	109,919,1139 6089,2809	909,2909
Alkyd	650/129	149,439	2749,4139
WB Epoxy		9321,9549S	9371,9549G
SB Epoxy			4000
EXTERIOR			
Latex	519,719,929/ 739,2809,3729	619,919,6029 2809	909,2909
Alkyd	Not recommended	533	2749,4139

NOTE: See Porter Paints finishes data sheets for recommended systems appropriate for various substrates.

### LIMITATIONS

Do not apply when air or surface temperature is below 50°F or above 110°F. Do not apply in direct sunlight or when temperature will drop below 50°F within 12 hours. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-80°F (18-27°C) temperature range prior to mixing or application. Use for service below 180°F. Do not use on floors. Do not overbuild product. Protect from freezing.

### TECHNICAL DATA

Product Type:	Acrylic
Bases/Colors:	Offwhite (tintable)
Sheen:	Flat
Percent Solids:	
Weight:	70 ± 2%
Volume:	52 ± 2%
PVC:	67 ± 2%
Weight/Gallon:	13.4 lb
Viscosity (Initial):	105 - 110 Krebs Units
Thinner:	
Brush/Roller:	If necessary, thin sparingly with clean water up to 1 pint per gallon.
Clean-up:	Use warm, soapy water.
Recommended Film Thickness* (may require multiple coats):	
Wet:	Up to 20 mils average.
Dry:	Up to 10.4 mils average.
	*NOTE: For optimal adhesion, avoid overbuilding filler, particularly when epoxy top coats are used.
Spread Rate (Theoretical):	80 to 100 sq. ft./gal.
Dry time (70°F @ 50% R.H.):	
To Touch:	1 hour
To Recoat:	18-24 hours
	(Expect longer dry times at lower temperatures and higher relative humidity.)
Flash Point:	> 200°F (> 93°C)
Flame Spread Rating:	Class A (0-25)
	(See Porter Technical Bulletin No. 9: Flame Spread Rating.)
Federal Specification Crossover:	AA-1500
	(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

Note: This product is not formulated with lead or mercury containing materials.

### REGULATORY DATA

VOC (theoretical):  
As supplied (untinted): 0.54 lb/gal (65 g/l)

**SURFACE PREPARATION**

(For optimum performance, all masonry construction must age at least 28 days prior to application of ACRIFIL Interior/Exterior Acrylic Block Filler No. 896.) Paint only clean, dry, sound surfaces. Remove dirt, oils, grease, wax, release agents, grinding dust, paint film over, efflorescence, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Muriatic Acid, or other appropriate cleaners and methods per ASTM Standard Practice D4261: Standard Practice for Surface Cleaning Concrete Unit Masonry for Coating. Vacuum cleaning, water cleaning, detergent water wash, steam cleaning, hand tool, and mechanical cleaning are acceptable cleaning methods. Remove mildew by washing with a mixture of 1 part chlorine bleach to 3 parts water. Dry substrate thoroughly to a moisture content under 12% before coating (see ASTM Test Method D 4263: Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method). Previously painted surfaces may require Sweep Blast Cleaning. Chisel out cracks and patch with Bondex Concrete Patch or other suitable concrete patching compound. Also fill voids with concrete patch. NOTE: Pressure leaks in basements and retaining walls should be patched with an appropriate patching product after preparation per the manufacturer's directions. Surfaces that continue to chalk after cleaning should be coated with PORTERLOCK™ Pigmented Bonding Coat No. 898 or PORTERLOCK Acrylic Clear Sealer per label instructions prior to application of ACRIFIL Interior/Exterior Acrylic Block Filler No. 896.

**INSTRUCTIONS FOR USE**

**Tinting:** Tint with Porter DESIGN SPECTRUM® Cobants up to 6 ounces per gallon. To approximate fan deck colors, tint 3/4 strength for light base colors, F strength for deep base colors, and full strength for extra deep base colors. NOTE: tinting will extend the drying time of the product. Allow extra dry time for tinted product before overcoating.

**Mixing:** Stir or shake thoroughly before application.

**Thinning:** Normally not required or recommended for brush and roller application. Thin only if necessary for proper application with clean, potable water up to F pint per gallon.

**Clean-up:** Clean tools and spray equipment with warm, soapy water.

**Application:**

**Conditions:** Temperature Range: 50°F to 110°F (air, surface, paint) (Optimum paint temperature 65-80°F)  
Dew Point: Surface temperature must be at least 5°F above the dew point.  
Relative Humidity: Maximum 85%.

**Equipment:** Brushes: Use nylon or polyester brushes.  
Rollers: Use F to 1" synthetic roller covers.  
Airless Spray: Minimum 28:1 Ratio Pump; .021" tip; 1800-2400 psi.

**Directions:** Brush Application: Apply liberally. Carefully work the material into all pores, voids, reveals, architectural details and depressions. Leave surface uniform. Finish with one or more coats of the selected Porter finish.

Roller Application: Cut in with a brush as above. Apply large areas with the roller, using liberal application and carefully working the material into the pores and voids. Dress off the surface uniformly, and keep a wet edge going across the entire section. Finish with one or more coats of the selected Porter finish.

Airless Spray Application: Spray to desired milage (do not overbuild), and backroll to work material into the pores and voids. Dress off the surface uniformly per directions for roller application above. Keep a wet edge going across the entire wall section. Finish with one or more coats of the selected Porter finish.

**PRECAUTIONS**

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

**SHIPPING**

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: 4 Gallons per carton; 5-Gallon pail

Shipping Weights: 13.6 lb/gal (5.6 lb/carton); 67.1 lb/5-gal



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Porter Coatings 400 South 13th Street, Louisville, Kentucky 40203 1-800-331-6270 www.porterpaints.com

### ACRI-PRO™ 100 Acrylic Primer

(formerly PROPRIME™)

**335**

**ACRI-PRO 100 Acrylic Primer No. 335** is an interior/exterior acrylic primer for properly prepared bare wood, concrete, masonry, stucco, alkyd and latex paints and galvanized metal. It is an ideal companion to the ACRI-PRO line of exterior acrylic finishes. ACRI-PRO 100 Acrylic Primer No. 335 is used for all types of new or previously painted commercial, institutional and residential exterior wood surfaces such as siding, trim, eaves, facias, shutters, fences, etc., and interior woodwork, drywall, masonry, etc.

USED FOR	FEATURES
<ul style="list-style-type: none"> <li>Wood siding, trim, shutters</li> <li>Manufactured siding</li> <li>Hardie Board siding</li> <li>encing</li> <li>Concrete, masonry, stucco</li> <li>Woodwork</li> <li>Drywall, plaster</li> <li>Galvanized metal</li> </ul>	<ul style="list-style-type: none"> <li>100% Acrylic</li> <li>ast drying</li> <li>Interior &amp; Exterior</li> <li>Easy to apply, low odor</li> <li>Easy soap &amp; water clean-up</li> <li>Contains fungicide*</li> </ul> <p><small>This paint contains agents which inhibit the growth of mildew on the surface of this paint.</small></p>

#### RECOMMENDED SYSTEMS

ACRI-PRO 100 Acrylic Primer No. 335 functions as a primer over bare wood, plaster, drywall, masonry, and oil and latex paint surfaces.

**TYPICAL FINISHES OVER ACRI-PRO 100 Acrylic Primer No. 335** are:

INTERIOR	LAT/SATIN	SEMI-GLOSS	GLOSS
Latex	689, 999/389 1119, 2809, 6079	109, 919, 1139 6089	909, 2909
Alkyd	650 / 129	149, 439	2749, 4139
WB Epoxy		9321, 9549S	9371, 9549G
EXTERIOR	LAT/SATIN	SEMI-GLOSS	GLOSS
Acrylic	519, 719, 929/ 739, 2809, 3729	619, 919, 6029	909, 2909
Low Temperature			
Acrylic :	579		
Alkyd	(Not recommended)	533	2749, 4139

#### LIMITATIONS

Avoid application in direct sunlight or when air or surface temperature is above 110° (43°C). Do not apply when temperatures are below 50° (10°C), or will fall below within 24 hours. Surface temperature must be at least 5° above dew point. Do not apply exterior in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. For optimum application properties, bring material to 65-85° (18-29°C) temperature range prior to application. Use for service below 150°. Do not use on floors or on deck walking surfaces. **Protect from freezing.**

#### TECHNICAL DATA

<b>Product Type:</b>	Acrylic
<b>Base/Color:</b>	335 White (tintable)
<b>Sheen:</b>	lat
<b>Percent Solids:</b>	
<b>Weight:</b>	45 ± 2%
<b>Volume:</b>	30 ± 2%
<b>PVC:</b>	32 ± 2%
<b>Weight/Gallon:</b>	10.6 lb
<b>Viscosity (Initial):</b>	95 - 105 Krebs Units
<b>Thinner:</b>	

**Brush/Roller:** If necessary, thin sparingly with clean water up to ½ pint per gallon.

**Spray:** Thin with clean water up to ½ pint per gallon.

**Clean-up:** Warm, soapy water.

**Recommended Film Thickness:**

**Wet:** 4.0 mils

**Dry:** 1.0 mils

**Spread Rate (Theoretical):**

**Smooth Surfaces:** Up to 400 sq. ft./gal.

**Rough Surfaces:** 200-300 sq. ft./gal.

**Dry time (70° @ 50% R.H.):**

**To Touch:** 1 hour

**To Recoat:** 1 hour

*(Expect longer dry times at lower temperatures and higher relative humidity.)*

**Flash Point:** >200° (>93°C)

**Flame Spread Rating:** Class A (0-25)

*(See Porter Technical Bulletin No. 9: Flame Spread Rating.)*

**Federal Specification Crossover:** TT-P-001984

*(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)*

Note: This product is not formulated with lead or mercury containing materials.

#### REGULATORY DATA

**VOC (theoretical):**

As supplied (untinted): 0.84 lb/gal (101 g/l)

## SURFACE PREPARATION

Paint only clean, dry (may be damp, but not dripping), deglossed and profiled surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with a commercial mildew remover such as X-14 Mildew Remover or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes).

**NEW WOOD:** Repair construction defects and sand as necessary. Spot prime knots and sap streaks with STA-KIL™ Primer/Sealer No. 164 or shellac. Fill openings and nail holes with TOP GUN™ Siliconized Acrylic Caulk No. 1414, or other suitable sealant. (NOTE: Best performance is achieved by spot priming nail heads with an appropriate primer before applying filler.) When sealant or other filler is well set, usually 1-4 hours for TOP GUN, prime with ACRI-PRO 100 Acrylic Primer No. 335

**NEW CONCRETE/MASONRY/STUCCO:** Let new concrete, masonry and stucco cure 28 days before painting. (NOTE: Polymer modified thin coat stucco can usually be painted within 7-14 days depending upon drying conditions. Follow stucco manufacturer's instructions.) Remove any remaining deeply embedded contaminants such as curing compounds by abrasive blasting. Remove efflorescence by pressure washing or with a dilute muriatic acid solution following manufacturer's instructions. (CAUTION: When mixing and using, always add acid to water, and wear appropriate eye and skin protection.) Fill cracks and holes with Bondex Concrete Patch or other appropriate filler. On unpainted concrete block (CMU), apply an appropriate Porter block filler (SEE RECOMMENDED SYSTEMS) before painting.

**REPAINT:** Remove loose and failing paint by power washing, hand scraping or power tool cleaning and sand edges smooth when applicable. Fill holes and gouges in wood and other substrates with wood patch or filler, etc. as appropriate. Sand patched areas smooth as necessary before priming bare areas and patches.

**PLASTER:** For best performance, new plaster should cure 28 days, and moisture content should be below 12% before painting. NOTE: Test plaster for solvent absorption (with paint thinner or mineral spirits) prior to painting (paint will not adhere if thinner does not wet out the surface and absorb into the plaster). If necessary, sand or acid etch with Metalprep 79 diluted 5 parts water to 1 Metalprep 79. Retest for thinner penetration before painting.

## INSTRUCTIONS FOR USE

**Tinting:** Tint with Porter DESIGN SPECTRUM® Colorants per label directions up to 12 ounces of colorant. (NOTE: To approximate Porter DESIGN SPECTRUM light base colors, tint with half the light base formula. For deep base colors, add formulas full strength.)

**Mixing:** Stir or shake thoroughly before application.

**Thinning:** Thin sparingly with clean water as necessary for proper application. Do not exceed ½ pint per gallon.

**Clean-up:** Clean tools and spray equipment with warm, soapy water immediately after use.

**Application:**

<b>Conditions:</b>	<b>Temperature Range:</b>	50° to 110° (air, surface, paint) (Optimum paint temperature 65-85°)
	<b>Dew Point:</b>	Surface temperature must be at least 5° above the dew point.
	<b>Relative Humidity:</b>	Maximum 85%
<b>Equipment:</b>	<b>Brushes:</b>	Use nylon or polyester brushes.
	<b>Rollers:</b>	Use 3/8" to 3/4" synthetic roller covers.
	<b>Airless Spray:</b>	Minimum 28:1 Ratio Pump; .015"-.018" tip, 1800-2400 psi; 1/4" High Pressure material hose.
<b>Directions:</b>	<b>New Work:</b>	Apply one or two coats of ACRI-PRO 100 Acrylic Primer No. 335 as required. Finish with one or more coats of the selected Porter finish.
	<b>Repaint:</b>	Spot prime bare areas with one or two coats of ACRI-PRO 100 Acrylic Primer No. 335 as required, then apply one or more coats of the selected Porter finish.

## PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

## SHIPPING

**Freight Classification:** PAINT OR PAINT RELATED MATERIAL

**Packaging:** 4 Gallons per carton; 5-Gallon Pail

**Shipping Weights:** 10.4 lb/gal (42.8 lb/carton); 51.1 lb/5-gal



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**Indoor/Outdoor: DAP® ALEX® Painters Caulk**

**DAP® ALEX® Painters Caulk**

All purpose acrylic latex painter's caulk. Applies smoothly and easily. Adheres to wood, plaster, drywall and masonry. Resists cracking and chalking. Interior/exterior use. Paintable. Water clean-up. 25 Year Durability Guarantee. Meets ASTM Specification C 384 for extrudability, artificial weathering, extension-recovery and slump.



MSDS: [10011](#)

Technical Data Bulletin: [00010011](#)

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Case Code	Product Code	Size	Colors	UPC#:	Case Pack	Weight	Dimensions	Cases Per Pallet
18057	18065	10.1 fl. oz.	white	7079818057	360	415 lbs.	22x22x42	1
18670	18065	10.1 fl. oz.	white	7079818670	12	15 lbs.	8x6x12	108

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# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Phone: 410-675-2100 or 800-543-3840

Revised: 8/1/01

## DAP® ALEX® Painters' Acrylic Latex Caulk

- Flexible Seal
- 25 year durability guarantee
- Indoor/Outdoor use
- Paintable

Packaging: 10.1 fl oz  
Color: Brilliant White  
UPC Number: 05905, 18057, 18061, 18065, 18068, 18070, 18670, 73630, 73625, 73635

### Company Identification:

Manufacturer: DAP Inc., 2400 Boston St., Baltimore, Maryland 21224  
Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.  
Order Information: 800-327-3339  
Fax Number: 410-534-2650  
Also, visit the DAP website at [www.dap.com](http://www.dap.com).

### Product Description:

DAP® ALEX® Painters' Acrylic Latex Caulk is a durable indoor and outdoor caulking product formulated to last 25 years or more. It ensures a durable seal to prevent air and moisture from passing through cracks and joints. ALEX® Painter's is paintable with latex and oil-based paints and can be used for both interior and exterior applications.

### Suggested Uses:

*Ideal for caulking and sealing:*

- Window and door frames
- Moldings
- Corner joints
- Baseboards
- Siding/trim

*Adheres To:*

- Wood
- Metal
- Painted surfaces
- Brick
- Drywall
- Most common building materials

### Performance Characteristics:

- ALEX® Painter's meets the performance requirements of ASTM C-834—standard specification for latex sealants, grade 0 °C, for extrudability, artificial weathering, extension-recovery, slump and tack-free time.
- Can be painted in two or more hours (longer in cool or humid conditions) with latex or oil-based paints. For best results with interior grade, flat finish, wall paints. Allow caulk to dry 24 hours before painting.
- Resists cracking and chalking.
- Tack free in thirty minutes.

### Surface Preparation & Application:

- Remove old caulk from surface. Make sure that surface is clean, dry and free of loose debris. Trim the nozzle to desired bead size and load cartridge into caulking gun. Hold the cartridge at a 45° angle and fill the joint with an ample amount of sealant.
- Use the DAP CAP™ (purchased separately) to smooth, seal and finish caulk for professional results with no mess. Reseal cartridge for storage and reuse.

### **FOR BEST RESULTS**

- Do not apply when rain or freezing temperatures are forecasted.
- Store away from extreme heat or cold.
- Do not use for below waterline, or below grade applications, or formarine or automobile applications.
- Joint size should not exceed 3/8" wide x 3/8" deep. If joint depth exceeds 3/8", use polyethylene or polyurethane foam as a back up filler.
- Do not use for filling surface defects, butt joints, tuck pointing or expansion joints or joints less than 1/8" bead size.

### Physical & Chemical Characteristics:

Tooling Time:	10 Minutes
Tack-Free Time:	30 Minutes
Dynamic Joint Movement:	± 7.5%
Life Expectancy:	25 Years
Paintable:	Yes
Odor:	Very Mild
Consistency:	Smooth and Creamy
Vehicle:	Acrylic Latex
Volatile:	Water
Flash Point:	None
Filler:	Calcium Carbonate
Density:	1.58 ± 0.01
Solids:	79.0% ± 1.0% by weight
Weight per Gallon:	13.20 ± 0.05 lbs.
Temperature Service Range:	-20°F to 180°F
Temperature Application Range:	40°F to 100°F
Freeze Thaw Stability:	Passes 5 Cycles @ 0°F (1 cycle = 16 hrs. @ 0°F, 8 hrs. @ 70°F)
Shelf Life:	1 Year Minimum
Coverage:	56 linear ft. at a 3/16" bead size. Three average size doors or four average size windows.
MSDS No:	10011

### Clean Up:

Before curing, remove excess material with a damp cloth. Wash hands with warm water and soap. After product has cured, excess material must be cut or scraped away.

### Safety:

See product label or Material Safety Data Sheet for safety information. You can request an MSDS sheet by calling 888-DAP-TIPS or by visiting our website at [www.dap.com](http://www.dap.com).

### Warranty Information:

If not satisfied with product performance when used as directed, return used container and sales receipt to DAP Inc., Technical Customer Service, 2400 Boston St., Baltimore, MD, 21224, for product replacement or, sales price refund. DAP will not be liable for incidental or consequential damage.

LIGHTS

# OUTDOOR

**P5490-31 Black**  
 Aluminum post lantern with clear glass panels. Frosted glass chimney.  
 Size: 8" sq., 14-1/4" ht. Fits 3" post (order separately).  
 Lamp: One medium base lamp, 100w max.

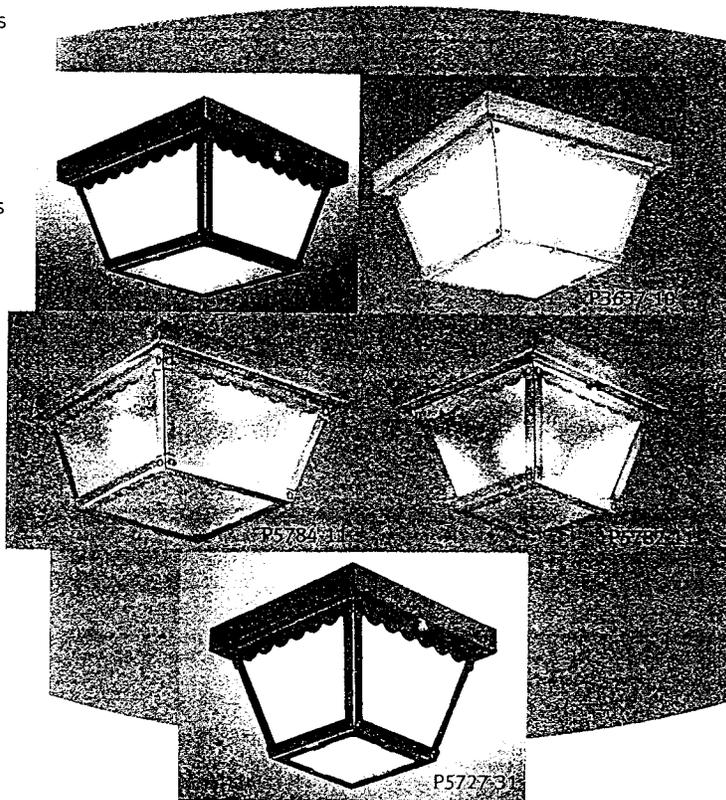
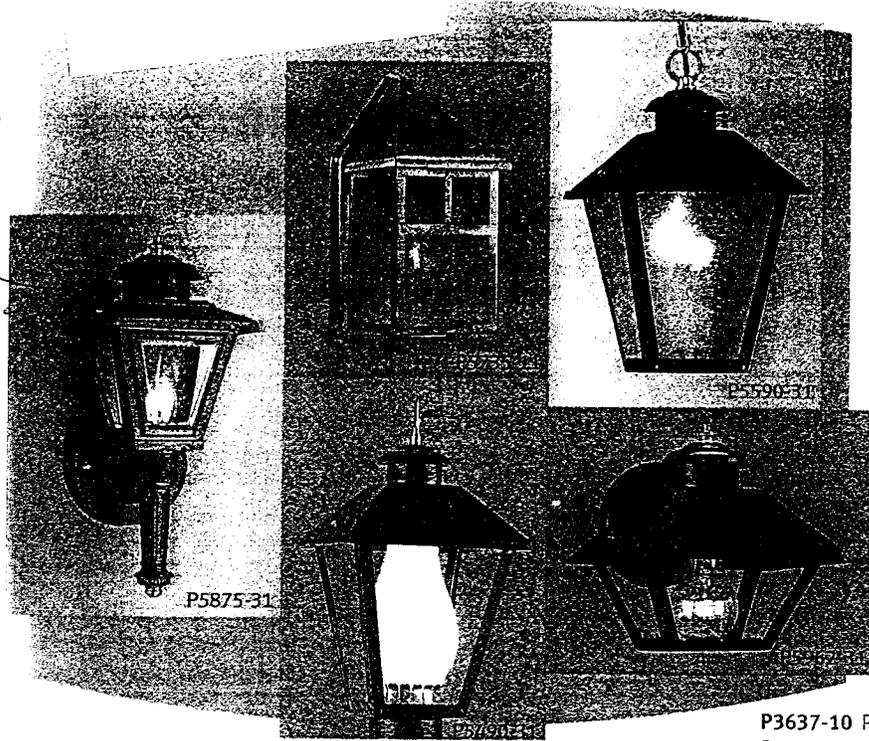
**P5590-31 Black**  
 Aluminum chain-hung metal lantern with textured glass.  
 Size: 8" sq., 12-1/2" ht. Overall ht. w/chain 36"; wire 10".  
 Lamp: One medium base lamp, 100w max.

**P5735-11 Weathered Solid Brass**  
**P5735-31 Black**  
**P5735-42 Antique brass**  
 Wall lantern with textured glass.  
 Size: 4-5/8" W., 9" ht. Extends 5". H/CTR 5-1/2".  
 Lamp: One medium base lamp, 75w max.

**P5782-11 Weathered Solid Brass**  
 Ceiling light with textured glass.  
 Size: 7-1/2" sq., 5" ht.  
 Lamp: One medium base lamp, 60w max.

→ **P5875-31 Black**  
**P5875-11 Weathered Solid Brass**  
 Wall lantern with beveled acrylic panels.  
 Size: 5-1/2" W., 12-3/4" ht. Extends 6". H/CTR 7-7/8".  
 Lamp: One medium base lamp, 60w max.

**P5962-31 Black**  
 Aluminum wall lantern with clear glass.  
 Size: 7-3/4" W., 8-1/4" ht. Extends 9". H/CTR 3-1/8".  
 Lamp: One medium base lamp, 100w max.



**P3637-10 Polished Solid Brass**  
 Ceiling light with textured white glass.  
 Size: 9-1/4" sq., 5" ht.  
 Lamps: Two medium base lamps, each 60w max.

**P5727-31 Black**  
 Metal ceiling light with textured glass.  
 Size: 7-1/2" sq., 5" ht.  
 Lamp: One medium base lamp, 60w max.

**P5729-31 Black**  
 Metal ceiling light with textured white glass.  
 Size: 9-1/4" sq., 5" ht.  
 Lamps: Two medium base lamps, each 60w max.

**P5728-31** Same as P5729 with 120V NPF ballast, milk plex panels.  
 Lamps: Two 13w Quad 2-pin compact fluorescent lamps.

☉ HPF

**P5784-11 Weathered Solid Brass**  
 Ceiling light with textured glass.  
 Size: 9-1/4" sq., 5" ht.  
 Lamps: Two medium base lamps, each 60w max.

**P5781-11** Same as P5784 with 120V NPF ballast, milk plex panels.  
 Lamps: Two 13w Quad 2-pin compact fluorescent lamps.

☉ HPF

## LAMPS



Medium Base



GX23-2 Base

Quad 2-pin Compact Fluorescent

## NOTES

☉ Energy efficient fluorescent

HPF - Available upon request.

**NCI** <sup>TM</sup> **COMMERCIAL/**  
**PRODUCTS, INC.** **INDUSTRIAL LIGHTING**

## Area Lighting

### INSTALLATION INSTRUCTION SHEET Dusk to Dawn Security Light High Pressure Sodium and Mercury Vapor

Model: NH Series

#### INSTALLATION INSTRUCTIONS

Please read all instructions carefully before installing or servicing this fixture.

This fixture must be wired in accordance with the National Electric Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. All work should be done by a qualified electrician. Mount fixture only to outlet box marked for use in wet locations.

**NOTE: TURN OFF POWER TO CIRCUIT AT MAIN FUSE/BREAKER BOX.**

#### 1. MOUNTING:

**NOTE:** This fixture is intended to be conduit connected to a properly installed and properly grounded weatherproof junction box (not provided). All conduit connectors, conduit and junction boxes (not provided) should be UL listed; suitable for wet locations.

- Attach the two piece mounting brackets to the extension arm by interlocking the bracket and securing with the 1/4-20 carriage bolt and 1/4-20 hex nut provided. The mounting bracket should be secure leaving approximately one inch of the extension arm protruding out of the bottom of the bracket.

- Place the extension arm assembly onto the desired mounting surface and mark the four hole locations required for mounting. Remove the arm assembly and drill the four marked locations.

- Mount the extension arm assembly using the hex head lag screws provided. Tighten these screws securely before proceeding.

- Place the fixture wires into the opening of the extension arm, allowing the wires to extend through the opposite open end.
- Place the fixture slipfitter on the end of the extension arm. Be certain the extension arm is fully seated into the slipfitter of the fixture. Tighten slipfitter screw to hold fixture in place. Do not overtighten.

- Install first weatherproof conduit connector (not provided) into the conduit connection cap.

- Connect black fixture lead wire to black service lead wire and white fixture lead wire to white service lead wire and green fixture lead wire to service ground wire using approved connectors.

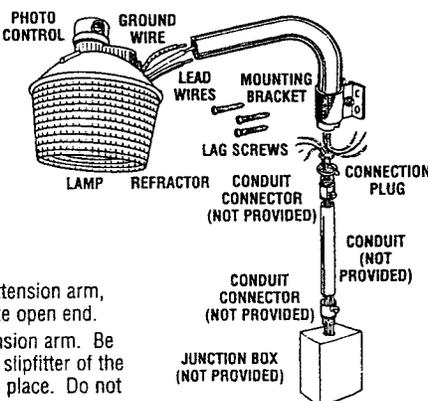
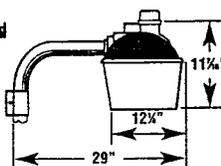
**NOTE:** If your supply wires are not color coded, the white wire on the fixture should be connected to the neutral wire and the black fixture wire to the hot wire. The black and white connections should be made in a junction box or other approved wiring compartment.

All wiring connections should be made, then concealed in the mounting arm. Install plug in the open end of the arm and secure with (2) screws provided.

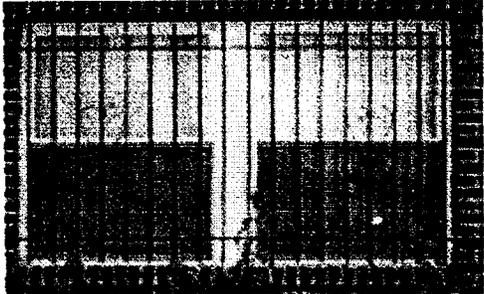
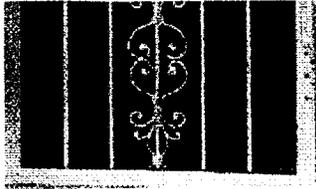
- The remaining wire should now be inserted into conduit (not provided) and the conduit secured to the connector which is installed in the connector cap.

- The opposite end of the conduit should be terminated by the second conduit connector which is then joined to the junction box.

- #### 2. LAMP INSTALLATION:
- To ensure that the lamp is properly seated in the socket, you must screw the



**SECURITY BARS**

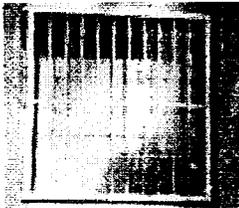


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Price Based on Selection **ORDER**



**WINDOW GUARDS**

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Price Based on Selection **ORDER**

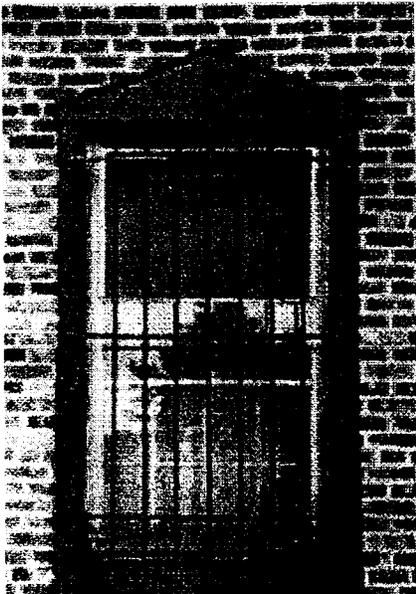


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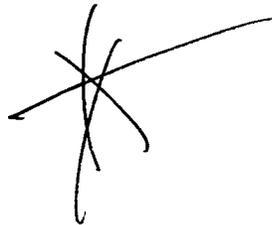


**WINDOW GUARDS**

Click on Picture for Options and Pricing

Product Code: **WB2532**

Price Based on Selection **ORDER**



4" o/c  
≥ 9 gauge steel

**ADDRESS # SPECIFICATIONS**

**More Info**

• For our  
selection,  
local Hor



6" Black Plastic Number 2  
Model 30202

- Large house numbers add attractive look to your home or business
- Mounting screws included

Sell Pack Description: Each  
Sell Pack Ship Weight: 1.6 oz.  
Sell Pack Length: 8.125"  
Sell Pack Width: 5.75"  
Sell Pack Height: .25"  
Sell Pack Cubic Size: 11.679679 in.<sup>3</sup>  
Does Product Nest? No  
Sell Freight Class: 70

**Attributes**

Hardware Construction: Plastic Black Numbers  
Mount Type: Nail/Screw On  
Character Height: 6"  
Fasteners Included: Yes  
Manufacturer: HY-KO  
SKU #: 457474  
UPC #: 029069302023

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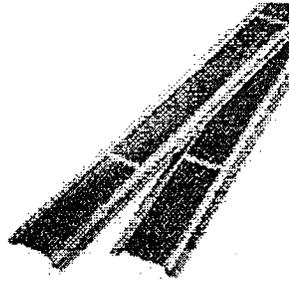
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## Soffit Vents



### Air Vent 8' White Vinyl Continuous Soffit Vent

Item #: 16592  
Model: SV301WH

**\$2.77**

**Buy Now!**

[Click Here to Zoom Photo](#)

- White PVC with perforated openings
- Essential for effective, efficient ventilation
- Provides 9 sq. in. net free area per linear foot
- Both flanges are bent to fit retrofit applications
- Size: 2 3/4" W x 96"L Fits 2" openings

Item availability and price may vary by location.

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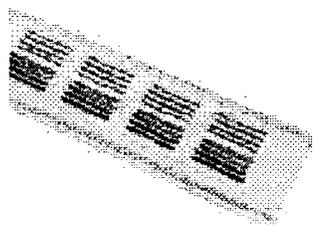
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## Soffit Vents



### Air Vent 8' White Aluminum Continuous Soffit Vent

Item #: 17111  
Model: 703WH

**\$2.96**

**Buy Now!**

[Click Here to Zoom Photo](#)

- White Aluminum
- Essential for effective, efficient ventilation
- Provides 9 sq. in. net free area per linear foot
- Both flanges are bent to fit retrofit applications
- Sizes: 2 3/4"W x 96"L Fits 2" openings

Item availability and price may vary by location.

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**Lowe's Improving Home Improvement (SM)**



**WALKWAY/CONCRETE SEALER SPECIFICATIONS**

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Exterior Sealers

• For our  
selection,  
local Hor

**More Info**



1 Gal. Clear Acrylic Concrete Floor and Driveway Sealer  
Model 104001

- Waterborne - non flammable - non staining - low odor (cleans up with water)
- Favorable comparisons to higher performing urethanes - lower cost - lower VOC's
- Resists solvents and chemicals
- Good tire mark release properties
- Clear film that is non-yellowing and has good gloss retention

Sell Pack Description: Jug

Sell Pack Ship Weight: 144 oz.

Sell Pack Length: 6"

Sell Pack Width: 6"

Sell Pack Height: 12"

Sell Pack Cubic Size: 432 in.<sup>3</sup>

Does Product Nest? No

Sell Freight Class: 55

**Attributes**

Use: Concrete Floor and Driveway Sealer

Size: Gallon

Base Material: Water

Sheen/gloss: Gloss

Approximate Coverage: 250 sq. ft.

Manufacturer: Seal-Krete

SKU #: 555216

UPC #: 015944104011

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*Add grit - carborendum  
- slip resistant  
(sand)*

## **DIAMOND PLATE STEEL SPECIFICATIONS**

**RIGIDIZED METALS**

Max Sheet Width 48"  
Max Sheet Length 144"  
Min. Gauge 0.018"  
Max. Gauge 0.125"  
Pattern Depth 0.035"  
Max. Lead Time 10 days

Maximum pattern depth in lightest gauges only. Pattern depth decreases in thicker sheets.

Maximum lead time based on materials available.

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**WINDOW/DOOR FRAMING WOOD**

Window and Door framing wood will be pressure treated lumber.