

1.04 PREREQUISITES TO FINAL ACCEPTANCE

A. General: Prior to requesting A/E's final inspection for certification of final acceptance and final payment, as required by General Conditions, complete the following and list known exceptions (if any) in request:

- 1. Submit final payment request with final releases of lien and supporting documentation not previously submitted and accepted. Include certificates of insurance for products and completed operations where required.
2. Submit updated final statement, accounting for additional (final) changes to the Contract Sum.
3. Submit certified copy of A/E's final punch list of itemized work to be completed or corrected, stating that each item has been completed or otherwise resolved for acceptance, endorsed and dated by A/E.
4. Submit final meter readings for utilities, measured record of stored fuel, and similar data as of time of substantial completion or when Owner took possession of and responsibility for corresponding elements of the work.
5. Submit warranties, workmanship/maintenance bonds, maintenance agreements, final certifications and similar documents.
6. Complete final cleaning up requirements, including touchup of marred surfaces.
7. Submit Consent of Surety.
8. Submit final liquidated damages settlement statement, acceptable to Owner.
9. Revise and submit evidence of final continuing insurance coverage complying with insurance requirements.
B. Reinspection Procedures: Upon receipt of Contractor's notice that work has been completed, including punch list items resulting from earlier inspections, and excepting incomplete item delays because of acceptable circumstances, A/E will reinspect work. Upon completion of reinspection, A/E will either prepare certificate of final acceptance or advise Contractor of work not completed or obligations not fulfilled as required for final acceptance. If necessary, procedure will be repeated. If reinspections are required through no fault of the A/E or Owner, the Contractor will be required to pay expenses for reinspection including Architect's time and travel expenses.
C. Completion of Punchlist: Upon receipt of the Architect's initial punchlist, the Contractor shall have 7 calendar days to complete the punchlist work. If punchlist work is not complete within this time frame, the Owner reserves the right to employ additional Contractors to complete the work and used retained moneys to compensate the additional Contractor. If punchlist work exceeds amounts retained to date the Owner reserves the right to back charge the Contractor (initially awarded the work) for the difference.

1.04 RECORD DOCUMENT SUBMITTALS

A. Specific requirements for record documents are indicated in General Conditions, with additional provisions indicated in mechanical and electrical sections, respectively. Do not use record documents for construction purposes; protect from deterioration and loss.
B. Maintenance Manuals: Organize maintenance-and-operating manual information into suitable sets of manageable size, and bind into individual binders properly identified and indexed (thumb tacked), examples: Include emergency instructions, spare parts listing, warranties, wiring diagrams, recommended "turnaround" cycles, inspection procedures, shop drawings, product data, and similar applicable information. Bind each manual of each set in a heavy-duty 2 inch, 3-ring vinyl-covered binder.

1.05 WARRANTY

A. Contractor warrants to the Owner that all materials, products and equipment furnished under this Contract will be new unless otherwise specified and that all work will be of good quality, free from faults and defects, and in conformance with the Contract Documents. All work, materials, products, and equipment shall be warranted and guaranteed unconditionally for a period of one (1) year from the date of final acceptance or final payment. Upon receipt of notice from the Owner of a failure of any part of the guaranteed work, materials, products, or equipment during the Warranty period, the affected part, parts, or materials shall be replaced with new parts or materials by the Contractor, at no expense to the Owner. In the event the Contractor fails to make the necessary replacement or repairs within seven (7) days after notification by the Owner, the Owner may accomplish the work at the expense of the Contractor

PART 2 - PRODUCTS NOT USED

PART 3 - EXECUTION

3.01 CLOSEOUT PROCEDURES

A. General Operating/Maintenance Instructions: Arrange for each installer of work requiring continuing maintenance or operation, to meet with Owner's personnel, at project site, to provide basic instructions needed for proper operation and maintenance of entire work. Include instructions by manufacturer's representatives. Review maintenance manuals, record documentation, tools, spare parts and materials, lubricants, fuels, identification system, control sequences, hazards, cleaning and similar procedures and facilities. For operational equipment, demonstrate startup, shutdown, emergency operations, noise and vibration adjustments, safety, economy/efficiency adjustments, and similar operations. Review maintenance and operations in relation with applicable warranties, agreements to maintain, bonds, and similar continuing commitments.

3.02 FINAL CLEANING

A. Provide final cleaning of the work, consisting of cleaning each surface or unit of work to normal "clean" condition expected for a first-class building cleaning and maintenance program. Comply with manufacturers' instructions for cleaning operations. The following are examples, but not by way of limitation, of cleaning levels required:
1. Remove labels which are not required as permanent labels.
2. Removal of Protection: Except as otherwise indicated or requested by A/E, remove temporary protection devices and facilities which were installed during course of the work to protect previously completed work during remainder of construction period.
3. Clean glazed materials, including mirrors and window/door glass, to a polished condition, removing substances which are noticeable as vision-obscuring materials. Replace broken glass.
4. Clean exposed exterior and interior hard surfaced finishes, including metals, masonry, stone, concrete, painted surfaces, plastics, tile, wood, and similar surfaces, to a dirt free condition, free of dust, stains, films and similar noticeable distracting substances.
5. Wipe surfaces of mechanical and electrical equipment clean, including elevator equipment and similar equipment in addition to that specified in Divisions 15 and 16; remove excess lubrication and other substances.
6. Remove debris and surface dust from limited access spaces including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics and similar spaces.
7. Broom clean concrete floors in non-occupied spaces. Vacuum clean carpeted surfaces and similar soft surfaces.
8. Clean plumbing fixtures to a sanitary condition, free of stains including those resulting from water exposure.
9. Clean food service equipment to a condition of sanitation ready and acceptable for intended food service use.
10. Clean light fixtures and lamps so as to function with full efficiency.
11. Clean project site, including landscape, development areas, of litter and foreign substances. Sweep paved areas to a broom clean condition; remove stains, petrochemical spills and other foreign deposits. Rake grounds to a smooth, even texture.
C. Pest Control: Engage an experienced exterminator to make a final inspection of project, and to rid project of rodents, insects, and other pests. Comply with governing regulations and applicable health and safety standards.
D. Compliances: Comply with safety standards and governing regulations for cleaning operations. Do not burn waste materials at site, or bury debris or excess materials on Owner's property, or discharge volatile or other harmful or dangerous materials into drainage systems; remove waste materials from site and dispose of in a lawful manner.

3.03 CONTINUING INSPECTIONS

A. General: Except as otherwise required by specific warranties, agreements to maintain, workmanship/maintenance bonds, and similar continuing commitments, comply with Owner's request to participate in inspections at end of each time period of such continuing commitments. Participate in general inspection of the work approximately one year beyond date(s) of substantial completion.

END OF SECTION 01700

SECTION 06 10 00 - ROUGH CARPENTRY

PART 1 GENERAL

1.01 RELATED DOCUMENTS:

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 specification sections, apply to work in this section.

1.02 DESCRIPTION OF WORK

A. The majority of the carpentry work is shown on the drawings and schedules but includes all rough carpentry such as miscellaneous rough carpentry, roof curbs, canis, blocking, nailers, grounds, concealed wood blocking, panel backboards, etc. whether shown, not shown, or required for proper installation of other work.

1.03 QUALITY ASSURANCE

A. Lumber Standard: Comply with PS 20, except as otherwise indicated.
B. Plywood Standard: Comply with PS 1, except as otherwise indicated.
C. Factory-mark each piece of lumber and plywood with type, grade, mill and grading agency, except omit marking from exposed surfaces with transparent finish or without finish.
D. AWPA (American Wood Preservers Association) Standards.

1.04 SUBMITTALS

A. Wood Treatment Data: Submit two copies of chemical treatment manufacturer's instructions for proper use of each type of treated material.
1. Pressure Treatment: For each type specified, include certification by treating plant stating chemicals and process used, net amount of salts retained and conformance with applicable standards.
2. Do not use treatments known or suspected to be a carcinogen.

1.05 PRODUCT HANDLING

A. Keep materials dry during delivery and storage. Protect against exposure to weather and contact with damp or wet surfaces. Stack lumber and plywood, and provide air circulation within stacks.

1.06 REFERENCES

A. ALSC (American Lumber Standards Committee) - Softwood Lumber Standards
B. EWA (The Engineered Wood Association)
C. AWPA U1 - Use Category System- User Specification for Treated Wood
D. AWPA P5 - Standard for Waterborne Preservatives
E. AFPA (American Forest and Paper Association)
F. ANSI/APA (American National Standards Institute/American Plywood Association)
G. ASTM D226 - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
H. FBC - Florida Building Code.

PART 2 PRODUCTS

2.01 MATERIALS

A. Lumber for blocking may be any grade and classified standard and better for western species or classified No. 2 for Southern Pine.
1. All wood in contact with masonry or concrete shall be pressure treated.
2. The manufacturer and applicator of pressure treatment shall mark all wood.
B. Do not install any wood material into any concealed spaces, except under the following conditions and meeting the requirements of FBC:
1. The Architect or Engineers permitted set of plans show wood blocking.
2. The wood blocking is a minimum nominal 2" x 4" and spans from metal stud to metal stud.
3. Wood meets requirements of 2.1 A of this section.
C. Lumber Grading Rules: National Forest Products Association.
D. Plywood: APA Rated sheathing or exterior, Grade CDX; Exposure Durability 1; sanded.
E. Building Paper: Asphalt saturated felt, non-perforated, ASTM D226.
F. Fasteners and Anchoring:
1. Provide size and type as indicated and as recommended by applicable standards, complying with applicable Federal Specifications for nails, staples, screws, bolts, nuts, washers and anchoring devices.
2. Provide hot-dipped galvanized anchors and hardware installed in contact with concrete, masonry and roofing.
3. Use treated wood products containing preservative using water as the preservative carrier.

2.02 WOOD TREATMENT

A. Treatment:
1. Lumber or plywood indicated as "treated," or specified as treated, shall comply with the applicable requirement of the American Wood Preservers Association (AWPA).
2. Mark each treated item to comply with the AWPA Quality Mark requirements for the specified requirements.
B. All wood used below grade and in contact with concrete or masonry shall be given pressure treatment with waterborne preservatives for decay and termite protection as follows:
1. Pressure-treated lumber and plywood shall conform to AWPA U1 to AWPA P5 (waterborne) and bear a mark-certifying conformance.
2. Retention requirements: Provide retention of 4.0 kg/m3 (0.25 pcf) and the notation that the material is intended for Above Ground Use and retention of 6.4 kg/m3 (0.40 pcf) with the notation that the material is intended for Fresh Water or Soil Contact Use.
3. After treatment, kiln-dry to a maximum moisture content of 16%.
4. Koppers "Wolmanized" brand shall be acceptable or approved equal.
C. Complete fabrication of treated items prior to treatment, wherever possible.
1. If cut after treatment, coat cut surfaces with heavy brush coat of same preservative used for treatment.
2. Inspect each piece of lumber or plywood after drying and discard damaged or defective pieces.

PART 3 EXECUTION

3.01 INSPECTION

A. Examine the substrates and supporting structure and the conditions before installing carpentry work.
B. Do not install on unsatisfactory conditions.

3.2 INSTALLATION

A. General:
1. Discard units of material with defects that might impair the quality of the work, and units that are too small to fabricate the work with minimum joints or the optimum joint arrangement.
2. Set carpentry work accurately to required levels and lines, with members plumb and true and accurately cut and fitted.
3. Securely attach carpentry work to substrate by anchoring and fastening as required by recognized standards.
a. Countersink nail heads on exposed carpentry work and fill holes.
b. Use finished nails for finish work.
c. Select fasteners of size that will not penetrate members where opposite side will be exposed to view or will receive finish materials.
d. Make tight connections between members.
e. Install fasteners without splitting of wood; pre-drill as required.
B. Wood Grounds, Nailers, Blocking and Sleepers:
1. Provide as shown and at all locations required for attachment of other work.
a. Form shapes as shown or required. Coordinate location with other work involved.
2. Stagger joints at least 6" for individual members in built-up installations.
3. Attach to substrates as required to support applied loading.
a. Countersink bolts and nuts flush with surfaces, unless otherwise shown.
b. Build into masonry during installation of masonry work.
c. Where possible, anchor to formwork before concrete placement.
C. Coordination: Fit carpentry work to other work; scribe and cope as required for accurate fit.
1. Correlate location of furring, nailers, blocking, grounds and similar supports to allow proper attachment of other work.
D. Do not expose wood products in attics, soffits, chases, or other spaces concealed within the building, clarify prior to installation.
E. Size panel backboards 12" larger than the mounted equipment to the greatest extent practicable.
1. Butt adjoining boards to form continuous backboard.

END OF SECTION

SECTION 06200 - FINISH CARPENTRY

PART 1 - GENERAL

1.01 WORK INCLUDED:

A. Millwork for cabinets, countertops, shelving, standing and running trim, including associated hardware & accessories.

1.02 REFERENCES

A. ASTM E84 - Test Method for Surface Burning Characteristics of Building Materials.
B. AWI - Quality Standards.
C. BHMA A156.9 - Cabinet Hardware.
D. FS MMM-A-130 - Adhesive, Contact.
E. NEMA (National Electric Manufacturer's Association) LD3 - High Pressure Decorative Laminates.
F. PS 1 - Construction and Industrial Hardwood.
G. PS 20 - American Softwood Lumber Standard

1.02 QUALITY ASSURANCE:

A. Millwork Fabricator: Minimum 5 years previous experience of successfully completed comparable work.
B. Lumber Grading: Lumber Grading Rules and Wood Species in accordance with Voluntary Product Standards PS 20-70. Grading rules of Southern Pine Inspection Bureau (SPIB) apply to materials furnished.

1.03 MOCKUP

A. Prepare mockups as requested by the Architect. Approved units may be used as part of the work.

PART 2 - PRODUCTS

2.01 QUALITY GRADE:

A. Materials and Fabrication: Premium grade construction and finishing in accordance with AWI "Quality Standards", conforming to Section 400B - Laminate Clad Cabinets.
B. Design Type: Reveal overlay design in accordance with AWI Architectural Casework - General Details, except as otherwise specified and detailed.

2.02 PLASTIC LAMINATE CABINET MATERIALS:

A. Subbase Material: 3/4" thick hardwood plywood typical unless noted otherwise; 1/4" thick hardwood plywood at cabinet backs and drawer bottoms.
B. Adhesive: Type II, CS 95 or as recommended by plastic laminate manufacturer.
C. Plastic Laminate: High pressure laminate, General Purpose Grade, NEMA LD3, by Formica, Nevamar or Wilson Art.
1. Exposed horizontal surfaces: .050 inch thick, matte finish.
2. Exposed vertical surfaces: .030 inch thick, matte finish.
D. Concealed Surfaces and Backing: .030 inches thick conforming to NEMA Standards.
E. Finish Hardware Items: Provide following items of finish hardware with millwork:
1. Drawer Glides: No. 1429 Extension Slides by Knappe & Vogt Mfg. Co. Equal products produced by Accuride and Blum are acceptable.
2. Shelf Standards and Supports (recessed in cabinets): No. 255 Standard and No. 256 Supports by Knappe & Vogt Mfg. Co., Natural aluminum finish. Equal products produced by Accuride and Blum are acceptable.
3. Doors: 1 pair commercial grade hinges, self closing, 1 catch, 1 pull. Options to be submitted to Architect for approval.
4. Drawer Pulls: Options to be submitted to Architect for approval.
5. Drawer Locks: Corbin No. 02066 cabinet lock, US10B, complete with strike plate. Masterkey. Equal products produced by Grant and Hettich America are acceptable.
6. Door Locks: Schlage CL2000 cabinet lock, US28, complete with strike plate. Keyed to the existing Facility Master Key System. Provide one elbow catch per pair doors. Equal products produced by Corbin, Grant and Hettich America are acceptable.
7. Silencers: Neoprene, self adhesive type at all cabinet doors.

2.03 FABRICATION:

A. Fabrication Workmanship: Construct millwork items in accordance with specified quality grade of reference standards, except as otherwise specified or detailed, using materials specified for plastic laminate finish.
B. Milling: Fabricate and assemble work at mill as complete as practicable. Deliver ready to assemble and set in place. Machine sand work at mill and deliver free of machine or tool marks or defects that will show through finish.
C. Plastic Laminate Tops, Panels, Cabinet Shelving, and All Exposed Surfaces:
1. Use plywood substrate as specified. (Particleboard shall not be acceptable.)
2. Glue tops and panels under pressure using Type II water-resistant adhesive.
3. Fabricate from one continuous sheet of plastic laminate. Make corners and joints hairline.
4. Edges of millwork to be eased as required to eliminate sharp edges. Slightly bevel arises.
5. Backsplash and Aprons: Square edge, direct bond cover and full returns.
6. Door and Drawer fronts shall be 3/4" thick.
7. Provide plastic laminate finish on all exposed surfaces of doors, drawers, countertops, splashes, etc. of cabinets. Shelves shall be finished on all sides and edges.
D. Construction: Construct each unit or cabinet in one section where practical, or in largest practical sections to facilitate ease of handling and installation. Where a cabinet is constructed in more than one section, scribe strips loose at field joints. Locate counter butt joints minimum 2 feet from sink cut-outs.
E. Finish Hardware: Fit drawer glides and cabinet-mounted shelf standards at mill. Ship other finish hardware items loose for installation at job site.
F. Glazing: All glazing in millwork shall be 1/4" clear, tempered unless otherwise indicated.

PART 3 - EXECUTION

3.01 INSTALLATION:

A. General:
1. Install millwork items, plumb, level and true (within 1/16" in 10 ft.), in accordance with the Drawings and submittals.
2. Do not install trim until backs and unexposed edges have been back primed.
3. Provide cutting, fitting, fabricating, erecting, wedging, bracing, blocking, nailing and securing of items of rough woodwork throughout, including miscellaneous furring, grounds, blocking, and nailers. Build in items where indicated on Drawings or where required for attachment of finish and other work.
4. Provide 4" high backplash and end splashes at all locations where countertops about walls.
5. Fully bed backsplashes and end splashes to top and each other with Dow Corning # 786 mildew resistant silicone sealant.
B. Cabinets:
1. Install cabinets plumb with countertops level to within 1/16 in. in 10 ft.
2. Level base cabinets to within allowable tolerances.
3. Accurately scribe and fit scribe strips, trim strips and filler panels to irregularities of adjacent surfaces: Maximum gap opening 0.025 in.
4. Secure cabinets permanently to floor using anchors spaced at maximum of 30 in. o.c., minimum of two for each unit.
5. Bolt adjoining cases together, maximum width of joints 1/32 in.
6. Fasten tops to bases with screws driven through base cabinet top frame into bottom of countertop.
7. Scribe all backsplashes and aprons and caulk.
C. Blocking, Bucks, Nailers: Install plumb, level and true with joints flush, fastened securely in place.
D. Furring and Stripping: Install plumb and level, shim to provide true finish surface.

3.03 ADJUSTING AND CLEANING:

A. Adjust doors, drawers, hardware, fixtures, and other moving or operating parts to function smoothly and correctly.
B. On completion of installation, touch up marred or abraded finished surfaces and wipe down surfaces to remove fingerprints and markings, and leave in clean condition.

END OF SECTION 06200

SECTION 07900 - CAULKING AND SEALANTS

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK:

A. Furnish and install all joint sealers as shown on the drawings or herein specified, or both.

1.02 QUALITY ASSURANCE:

A. All manufacturer items must be factory labeled, on the material or its container.
B. Manufacturer shall have a minimum of ten (10) years experience specializing in specified item.
C. Applicator shall have five (5) years successful experience and be approved by sealant manufacturer. Applicator shall also agree to employ only skilled tradesmen for the Work.
D. Obtain elastomeric materials of each type from only one manufacturer.

1.03 REFERENCES

A. ASTM C834-00 - Standard Specification for Latex Sealants.
B. ASTM C919-02 - Standard Practice for Use of Sealants in Acoustical Applications.
C. ASTM C920-02 - Standard Specification for Elastomeric Joint Sealants.
D. ASTM D1056-00 - Standard Specification for Flexible Cellular Materials - Sponge or Expanded Rubber.
E. SWRI (Sealant, Waterproofing and Restoration Institute) - Sealant and Caulking Guide Specification.

1.04 SUBMITTALS:

A. Submit manufacturer's detailed technical data for materials, accessories, and installation.
B. Submit samples of caulking and sealants to be exposed and unfinished.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to the project site in original unopened containers or bundles with labels indicating manufacturer, product name and designation, color, expiration period for use, pot life, curing time, and mixing instructions for multi-component materials.

1.06 WARRANTY

A. The Contractor shall furnish written guarantee that work executed under this section is free from defects of material and workmanship for a period of 5 (five) years from date of substantial completion of the entire project. Include coverage that he will, without delay and at his own expense, repair and replace all such defects as may develop during the term of this guarantee.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with the requirements, provide products by one on the following:
1. DAP, Inc., Dayton, Ohio
2. Dow Corning Corp., Midland, Michigan
3. General Electric Co., GE Silicones, Waterford, New York
4. Mameco International, Inc., Cleveland, Ohio
5. Pecora Corp., Harleysville, Pennsylvania
6. Rhone-Poulenc, Inc., Plymouth, New Jersey
7. Sonneborn Building Products Div., Minneapolis, Minnesota
8. Tremco, Inc., Beachwood, Ohio
9. Hill Construction Chemicals, Tulsa, Oklahoma

2.02 MATERIALS

A. General: Provide joint sealers, joint fillers, and other related materials that are compatible with one another and with joint substrates under conditions of service and application.

B. Caulking Compounds (Acrylic Latex Sealant): Latex rubber modified, acrylic emulsion polymer sealant compound; manufacturer's standard, one part, non-sag, mildew resistant, acrylic emulsion sealant complying with ASTM C 834, formulated to be painted and recommended for exposed applications on interior locations involving joint movement of not more than plus or minus 5 percent.
1. "Sonolac", Sonneborn Building Products, Inc.
2. "Acrylic Latex Caulk 832", Tremco, Inc.
3. "Acrylic Latex Caulk with Silicone", DAP
4. "AC-20", Pecora Corp.
C. One Part Elastomeric Sealant (Silicone): One component elastomeric sealant, complying with ASTM C 920, Class 25, Type NS (non-sag), unless Type S (self-leveling) recommended by manufacturer for the application shown.

1. "Pecora 864 Architectural Silicone Sealant; Pecora Corp.
2. "Dow Corning 791"; Dow Corning Corp.
3. "Silpruf"; General Electric
4. "OmniSeal"; Sonneborn Building Products, Inc.
5. "Spectrum 2"; Tremco Mfg. Co.
D. One component mildew resistant silicone sealant (around countertops, backsplashes, and other wet interior locations.)
1. "Rhodorsil 6B White"; Rhone-Poulenc, Inc.
2. "Dow Corning 786"; Dow Corning Corp.
3. "Sanitary 1700"; General Electric
E. One component high movement joints (+100/-50): Where locations of high movement are indicated.

1. "Dow Corning 790"; Dow Corning Corp.
2. "Spectrum 1"; Tremco
F. Elastomeric Sealant (Polyurethane):
1. One component polyurethane sealant, complying with ASTM C 920, Type S, Grade NS, Class 25 (non-sag).
2. Two component polyurethane sealant, complying with ASTM C920, Type M, Grade NS, Class 25 (non-sag).

a. "Sonolastic NP 2"; Sonneborn Building Products, Inc.
b. "Dymonic"; Tremco Mfg. Co.
c. "DynaTrol II"; Pecora Corp.
d. "Vulkem 922"; Mameco
G. One part self leveling polyurethane sealant (for traffic areas)
1. One component polyurethane self-leveling sealant, complying with ASTM C 920, Type S, Grade P, Class 25.
a. "Sonolastic SL 1"; Sonneborn Building Products, Inc.
b. "NR-201 Urexpant"; Pecora Corp.
c. "Vulkem 45"; Mameco
2. Two component polyurethane self-leveling sealant, complying with ASTM C920, Type M, Grade P, Class 25.

a. "Sonolastic SL 2"; Sonneborn Building Products, Inc.
b. "NR-200 Urexpant"; Pecora Corp.
c. "Vulkem 245"; Mameco
d. "THC900/THC901"; Tremco
H. Security Sealant (Polyurethane)
1. One component or two component polyurethane sealant, complying with ASTM C 920, Grade NS, Class 12.5 with a Shore A Hardness of 55.
a. "DynaFlex"; Pecora Corp.
b. "Ultra"; Sonneborn Building Products, Inc.

2.02 Miscellaneous Materials

A. Provide joint cleaner and joint primer sealer as recommended by the sealant or caulking compound manufacturer.

B. Sealant backer rod shall be compressible rod stock, polyethylene foam, polyethylene jacketed polyurethane foam, butyl rubber foam, neoprene foam, or other materials as recommended by sealant manufacturer.
C. Primer: Provide type recommended by joint sealer manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint sealer substrate tests and field tests.
D. Cleaners for Nonporous Surfaces: Provide nonstaining chemical cleaners of type which are acceptable to manufacturers of sealants and sealant backing materials, which are not harmful to substrates and adjacent nonporous materials, and which do not leave oily residues or otherwise have a detrimental effect on sealant adhesion or in service performance.
E. Masking Tape: Provide non-staining, non-absorbent type compatible with joint sealants and to surfaces adjacent to joints.

PART 3 - EXECUTIONS

3.01 INSPECTION:

A. Clean and prime joints in accordance with manufacturer's instructions.

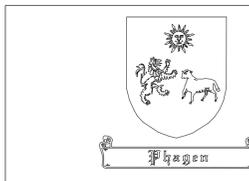
3.02 INSTALLATION:

A. All products shall be installed in strict accordance to all manufacturer's recommendations. Apply sealant within recommended application temperature ranges. Consult manufacturer when sealant cannot be applied within these temperature ranges.
B. Install joint backing to achieve a neck dimension no greater than 1/3 the joint width.
C. Install bond breaker where joint backing is not used.
D. Install sealant free of air pockets, foreign embedded matter, ridges, and sags.
E. Tool joints concave.

3.03 ADJUSTMENT AND CLEANING:

A. After installation, all exposed surfaces shall be thoroughly cleaned, and all damaged material shall be restored to its original condition, or replaced with new material.

END OF SECTION 07900



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Consultant:
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SPECS 2

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AS-1.2

Scale