



SECTION 08 13 16.13

ALUMINUM MODULAR TERRACE DOORS

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Modular Terrace Door System

1.2 RELATED SECTIONS

- A. Section 03 30 00 - Cast-in-Place Concrete.
- B. Section 03 45 13 - Faced Architectural Precast Concrete.
- C. Section 04 27 23 - Cavity Wall Unit Masonry.
- D. Section 05 40 00 - Cold-Formed Metal Framing.
- E. Section 06 10 00 - Rough Carpentry.
- F. Section 06 20 00 - Finish Carpentry.
- G. Section 07 21 19 - Foamed-In-Place Insulation.
- H. Section 07 46 16 - Aluminum Siding.
- I. Section 07 62 00 - Sheet Metal Flashing and Trim.
- J. Section 07 91 23 - Backer Rods.

1.3 REFERENCES

- A. American Architectural Manufacturers Association (AAMA):
 - 1. AAMA 611 - Voluntary specifications for anodized architectural aluminum (revised).

2. AAMA 1503 - Voluntary test method for thermal transmittance and condensation resistance of windows, doors, and glazed wall sections.
- B. ASTM International (ASTM):
1. ASTM A36/A36M - Standard specification for carbon structural steel.
 2. ASTM B221/B221M - Standard specification for aluminum and aluminum-alloy extruded bars, rods, wire, profiles, and tubes.
 3. ASTM B241/B241M - Standard specification for aluminum and aluminum-alloy seamless pipe and seamless tubes.
 4. ASTM C1115 - Standard specification for dense elastomeric silicone rubber gaskets and accessories.
 5. ASTM C864 - Standard specification for dense elastomeric compression seal gaskets, setting blocks, and spacers.
 6. ASTM E283 - Standard test method for structural performance of exterior windows, curtain walls, and doors by uniform static air pressure difference.
 7. ASTM E330 - Standard test method for structural performance of exterior windows, curtain walls, and doors by uniform static air pressure difference.
 8. ASTM E331 - Standard test method for water penetration of exterior windows, curtain walls, and doors by uniform static air pressure difference.
 9. ASTM E547 - Water penetration of exterior windows, curtain walls, and doors.
 10. ASTM E1886 - Standard test method for performance of exterior windows, curtain walls, doors, and impact protective systems impacted by missiles and exposed to cyclic pressure differentials.
 11. ASTM E1996 - Standard specification for performance of exterior windows, curtain walls, doors, and impact protective systems impacted by windborne debris in hurricanes.
- C. American Welding Society (AWS):
1. AWS D1 - Structural welding code.
- D. Flat Glass Marketing Association (FGMA):
1. Glazing manual.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data:
1. Manufacturer's data sheets on each product to be used.
 2. Preparation instructions and recommendations.
 3. Storage and handling requirements and recommendations.
 4. Typical installation methods.
- C. Shop Drawings: Detailed drawings prepared specifically for the project by manufacturer. Include information not fully detailed in manufacturer's standard product data, including, but not limited to, wall elevations and detail sections of every typical composite member. Show opening dimensions, framed opening tolerances, profiles, product components, anchorages, and accessories.
1. Indicate fastener locations, glazing, and hardware arrangements.
 2. Include schedule identifying each unit, with marks or numbers referencing drawings.
 3. Must show all surrounding substrates and relevant conditions
 4. Must be drawn in the domestic USA, by the manufacturer of the system
- D. Color Samples: Two complete color chip sets representing manufacturer's full range of stocked colors with a standard size of 2 x 3 inch (50 x 75 mm).

- E. Verification Samples: Required samples for verification of system.
 - 1. Aluminum Finish: Two samples, minimum size of 2 x 3 inches (50 x 75 mm), representing actual material and color.
 - 2. Wood Finish: Two samples, minimum size of 2 x 5 inch (50 x 127 mm), representing actual product and color.
 - 3. Glazing: Two samples, minimum size of 12 x 12 inches (300 x 300 mm), representing specified glass, including coatings and/or frit patterns.
 - 4. Assembly Sample: One sample illustration connection details with a maximum size of 12 x 12 x 12 inch (300 x 300 x 300 mm). Glazing included as offered by glass supplier. Sample developed to best represent the specified product.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing of products specified in this section, including, but not limited to, greenhouses, doors, and operable vent systems. Manufacturer is to have twenty years of experience in fabrication and erection of exterior modular terrace door systems for projects of similar scope.
 - 1. Manufacturer must use an extruded aluminum system.
 - 2. Manufacturer must be recognized by NAMI.
 - 3. Manufacturer must be a member in good standing of the National Glass Association (NGA).
- B. Installer Qualifications: Experienced in performing work of this section that has specialized in installation of work similar to that required for this project for a minimum of ten years.
- C. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.
- D. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
 - 1. Approximate size: ___ inches x (___ mm)
 - 2. Finish areas designated by Architect
 - 3. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
 - 4. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
 - 5. Retain mock-up during construction as a standard for comparison with completed work.
 - 6. Do not alter or remove mock-up until work is completed or removal is authorized.
 - 7. Incorporate accepted mock-up as part of the Work.

1.6 PRE-INSTALLATION CONFERENCE

- A. Convene a phone conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to the jobsite freight prepaid.
- B. Store products in manufacturers original unopened packaging, covered to protect

factory finishes from damage, precipitation, and construction dirt until ready for installation.

- C. Store materials off construction grounds in a secure location that is a dry, covered area and protected from weather conditions.
- D. Inspect and report any freight damages to the manufacturer immediately.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
- B. Perform structural silicone sealant work when air temperature is above 10 degrees F (minus 12 degrees C).

1.9 WARRANTY

- A. Provide manufacturer's limited warranty that all components are warranted for one (1) year for cases of normal use. Many components are also warranted by the original manufacturers for greater lengths of time. Reference original component manufacturers' warranties for complete information.
- B. Warranty Addendum: Manufacturer offers extended warranties and service contracts on a per job basis.
- C. Frame Finish:
 - 1. Anodized Finishes: Warranty of two to five years.
 - 2. Stock Color: Paint manufacturer's warranties for color and film integrity.
 - a. AAMA 2605 finishes with 2-3 coats powder or liquid dependent on color and/or application. Ten years from date of application.
 - b. AAMA 2604 finishes with 2 coats powder or liquid. Five years from date of application.
 - c. AAMA 2603 finishes with 1 coat liquid only. Five years from date of application.
 - 3. Custom Color: Paint manufacturer's warranties for color and film integrity.
 - a. AAMA 2605 finishes with 2-3 coats powder or liquid dependent on color and/or application. Ten years from date of application.
 - 4. AAMA 2604 with 2 coats powder or liquid dependent on color and/or application. Five years from date of completion. Custom Warranty Period: ____ years, to be approved and accepted in writing by Solar Innovations, Inc. based on project's scope and application.
- D. Flat Glazing: Glazing Manufacturer's standard warranty against defective materials, delamination, seal failure, and defects in manufacturing for 5 to 20 years prorated or as otherwise provided in or limited by the glass manufacturer's limited warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Solar Innovations Architectural Glazing Systems, which is located at: 31 Roberts Rd.; Pine Grove, PA 17963; Toll Free Tel: 800-618-0669; Tel: 570-915-1500; Fax: 800-618-0743; Email: [request info \(skylight@solarinnovations.com\)](mailto:requestinfo@skylight@solarinnovations.com); Web: <http://www.solarinnovations.com>
- B. Substitutions: Not permitted.

- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 PERFORMANCE AND DESIGN REQUIREMENTS

- A. Air Performance: Design, fabricate, assemble, and erect aluminum glazed system to be permanently free of significant air leakage.
1. Significant Leakage: Infiltration greater than 0.30 cfm per sq ft at 1.57 psf per ASTM E283.
- B. Structural Performance: As tested in accordance with ASTM-E330. No glass breakage or permanent damage to fasteners, anchors, hardware, or actuating mechanisms.
1. Normal Wall Deflection:
 - a. Span Lengths of 13 ft 6 inches (4.115 m) or Less: 1/175 of clear span or less.
 - b. All Other Spans: 1/240 + 1/4 inch (6 mm) for all others.
 - c. Restrict deflection to 3/4 inch (19 mm) maximum for individual glazing lites.
 2. Parallel to Wall Deflection:
 - a. Not to exceed 175 percent of glass edge clearance.
 - b. Restrict deflection to L/360 or 1/8 inch (3 mm) maximum.
 - c. Restrict deflection to 1/16 inch (1.5 mm) maximum above doors and windows.
 - 1) Deflection of 1/8 inches (3 mm) is acceptable if door operation is not affected.
 3. Deflection of Entire Assembly Including, but not Limited to Glass: Not to exceed 1-1/2 inches (mm).
- C. Thermal Performance: Tested values, certifications, and simulation protocols.
1. Thermal Characteristics:
 - a. U-Value: _____.
 - b. CRF: _____.
 2. U-Value: Comply with U-value NFRC rated, or simulated in accordance with NFRC 100 protocol, shown in manufacturers latest published data for the glazing and sill specified.
 3. Solar Heat Gain Coefficient: Comply with Solar Heat Gain Coefficient NFRC rated, or simulated in accordance with NFRC 200 protocol, shown in manufacturers latest published data for the glazing and sill specified.
- D. Manufacturer's Certificates:
1. SI2000 G2 Impact Out-swing Terrace Door system when tested on a typical single swing door with two sidelite unit.
 - a. Unit Size (WxH): 108 x 96 inches (2743 x 2438 mm).
 - b. Panel Size (WxH): 32-11/16 x 93-1/2 inch (830 x 2375 mm)
 - c. Must meet or exceed the following performance tests.
 - 1) Modular Muller Terrace Door: FL Approval No. 17582.3
 - a) Out-swing Sill Rating; NCTL 110-15998-1 and NCTL 110-15998-2.
 - 1) Air Infiltration Test per ASTM E283.
 - a) Force of 1.57 psf: 0.03 cfm per sq ft infiltration.
 - b) Force of 6.24 psf: 0.08 cfm per sq ft infiltration.
 - 2) Water Penetration Test per ASTM E331 and ASTM E547:
 - 3) Water Pressure: 6.0 psf 5.0 gph per sq ft = No

- leakage.
- 4) Cycle Pressure Loading Test per ASTM E1886 and ASTM E1996.
 - a) Design Pressure: Plus or minus 50 psf (2.39 kPa).
- 2. SI2000 G3 Lite French Door:
 - a. Unit Size (WxH): 94-1/2 x 109 inch (2400 x 2769 mm).
 - b. Panel Size (WxH): 44 x 104-1/8 inch (1118 x 2645 mm)
 - c. Must meet or exceed the following performance tests.
 - 1) Modular Mullered Terrace Door: FL Approval No. 17582.4
 - a) Out-swing Sill Rating; NCTL 110-19489-1, NCTL 110-19489-2, NCTL 110-19490-2.
 - 1) Air Infiltration Test per ASTM E283.
 - a) Force of 1.57 psf: 0.05 cfm per sq ft infiltration.
 - 2) Water Penetration Test per ASTM E331 and ASTM E547:
 - 3) Water Pressure: 12.0 psf 5.0 gph per sq ft = No leakage.
 - 4) Cycle Pressure Loading Test per ASTM E1886 and ASTM E1996.
 - a) Design Pressure: Plus or minus 40 psf (1.92 kPa).

2.3 MODULAR TERRACE DOORS

- A. Panel Size (WxH): ___ x ___ inches (___ x ___ mm)
- B. Panel Size: As indicated on the Drawings.
- C. Operation and Configuration:
 - 1. Out-swing system.
 - 2. In-swing system.
- D. Glazing:
 - 1. Single Pane Glazing: 3/16 inch (5 mm) float glass.
 - 2. Single Pane Glazing: 1/4 inch (7 mm) float glass.
 - 3. Single Pane Glazing: Polycarbonate.
 - 4. Single Pane Glazing: _____.
 - 5. Double Pane Glazing: 1 inch (25 mm) insulated glass unit.
 - 6. Triple Pane Glazing: 1-3/8 inch insulated glass unit.
 - 7. Specialty Glazing Options:
 - a. Thermo-chromic Glass: Glazing system 'tinted' via natural heat.
 - b. Solera Glass: Solera light diffusion glazing system.
 - c. Lumira Polycarbonate: Lumira filled polycarbonate panels to control light diffusion and insulation characteristics.
 - 8. Glazing Accessories:
 - a. Decorative mullions.
 - b. Interior Grids: 3/16 x 5/8 inch (5 x 16 mm).
 - c. Simulated Divided Lites: 3/8 x 5/8 inches (9.5 x 16 mm).
 - d. Applied Grids: 3/4 inch (19 mm) traditional grids.
 - e. Applied Grids: 1-1/4 inch (mm) traditional grids.
 - f. Applied Grids: 7/8 inch (mm) colonial grids.
 - g. Applied Grids: 7/8 inch (mm) ogee grid.
 - h. Applied Grids: 3/4 inch (19 mm) low profile grid.
 - i. Decorative raised panels.

- E. Framing Members: Minimum 0.125 inch(3 mm) wall thickness for structural members.
 - 1. SI2000: G2 narrow non-thermal extruded aluminum frame 1.813 inch (46.08 mm) width.
 - 2. SI2000: G2 narrow thermal extruded aluminum frame with a thermal isolation separation 1.813 inch (46.08 mm) width.
 - 3. SI2000: G2 standard non-thermal extruded aluminum frame 2.75 inch (69.85 mm) width.
 - 4. SI2000: G2 standard thermal extruded aluminum frame with a thermal isolation separation 2.75 inch (69.85 mm) width.
 - 5. SI2000: G2 heavy thermal extruded aluminum frame with a thermal isolation separation 5.5 inch (139.7 mm) width.
 - 6. SI2000: G3 narrow thermal extruded aluminum frame with a thermal isolation separation 1.81 inch (45.97 mm) width.
 - 7. SI2000: G3 regular non-thermal extruded aluminum frame 2.75 inch (69.85 mm) width.
 - 8. SI2000: G3 regular thermal extruded aluminum frame with a thermal isolation separation 2.75 inch (69.85 mm) width.
 - 9. SI2000: G3 lite thermal extruded aluminum frame with a thermal isolation separation 2.75 inch (69.85 mm) width

- F. Perimeter Weather Gaskets: EPDM.

- G. Sill:
 - 1. Out-swing sill.
 - 2. In-swing sill.
 - 3. ADA sill (In-swing and Out-swing) limited air and water performance.

- H. Hardware:
 - 1. Handles and Lock Sets:
 - a. Handle sets: _____.
 - b. Lock Set on Swing Doors: 3-point.
 - c. Lock Set on Swing Doors: 5-point.
 - d. Locking Handle: Low profile 2-point stainless steel and aluminum corrosion proof. Nylon handles are not acceptable.
 - e. Flush Bolts: Surface-mounted on folding doors
 - f. Concealed Locking Rods: Stainless steel. Aluminum is not acceptable
 - g. Surface Mount 7-Knuckle Hinge: Corrosion proof aluminum hinge with stainless steel bushings and security bolt end.
 - 1) Zinc- die-cast hinges are not acceptable.
 - h. Semi-Concealed 7-Knuckle Hinge: Corrosion proof aluminum hinge with stainless steel bushings and security bolt end.
 - 1) Zinc- die-cast hinges are not acceptable.
 - 2. Corners: Corner lugs to be extruded, thermally broken aluminum.
 - a. Non-thermally broken corner connectors are not acceptable.
 - 3. End Caps: Not permitted to breach thermal break.

2.4 MATERIALS

- A. Aluminum: 6063-T5, 6063-T6 alloy and temper.
 - 1. Other alloys and tempers may be used for non-structural members provided they do not void the required warranties.
 - 2. Framing Members: Thickness based on design loading, cross sectional configuration, and fabrication requirements.
 - 3. Aluminum Flashing and Closures: 0.040 inches thick, minimum.
 - 4. Snap-on Covers and Miscellaneous Non-structural trim: Minimum thickness as recommended by the manufacturer.

- B. Insulated Panels: Expanded polystyrene. Provide at filler panels and sheet metal members.
- C. Glazing: See product section.
- D. Flashings: Sheet aluminum.
 - 1. Finish: Same as system components.
 - 2. Secured with concealed fastening method or fastener with head finished to match.
 - 3. Thickness: As required for conditions encountered.
- E. Thermal Insulbar Separation: Manufacturer's standard system to provide thermal separation between exterior and interior components.
- F. Internal Reinforcing:
 - 1. Structural Aluminum: ASTM B221/B221M and ASTM B241/B241M.
 - 2. Shapes and Sizes: To suit installation.
- G. Glazing Gaskets Complying with ASTM C864: EPDM compression type Replaceable.
 - 1. Compatible with glazing sealant used.
 - 2. Profile and Hardness: As necessary. Maintain uniform pressure for watertight seal.
 - 3. Color: Black.
 - 4. Factory molded corners required at interior.
- H. Setting Blocks, Edge Blocks, and Spacers: As required by manufacturer and compatible with insulated glass where required.
- I. Structural Glazing Sealant: Manufacturer's Standard. Color: Black.
- J. Perimeter Sealant: Manufacturer's standard.
 - 1. Color: Match framing finish if available, otherwise as selected by Architect from manufacturer's standard range.
- K. Anchors and Fasteners:
 - 1. Aluminum and stainless steel of type which will not cause electrolytic action or corrosion.
 - 2. Zinc cadmium-plated fasteners may be used if acceptable to manufacturer.
 - 3. Exposed Fasteners: Finish to match aluminum frame.

2.5 FRAME FINISH

- A. Unfinished Aluminum: Mill.
- B. Aluminum Finish: Anodized complying with AAMA 611.
 - 1. Color: Clear (Class I).
 - 2. Color: Dark Bronze.
- C. Aluminum Finish: AAMA 2605.
 - 1. Color: Manufacturer's standard bronze.
 - 2. Color: Manufacturer's standard Hartford green.
 - 3. Color: Manufacturer's standard white.
 - 4. Color: Manufacturer's standard sandstone.
 - 5. Color: Manufacturer's standard black.
 - 6. Color: Manufacturer's standard natural clay.
- D. Aluminum Finish: AAMA 2604.

1. Color: Manufacturer's standard bronze.
 2. Color: Manufacturer's standard Hartford green.
 3. Color: Manufacturer's standard white.
 4. Color: Manufacturer's standard sandstone.
 5. Color: Manufacturer's standard black.
 6. Color: Manufacturer's standard natural clay.
- E. Aluminum Finish: AAMA 2603.
1. Color: Manufacturer's standard bronze.
 2. Color: Manufacturer's standard Hartford green.
 3. Color: Manufacturer's standard white.
 4. Color: Manufacturer's standard sandstone.
 5. Color: Manufacturer's standard black.
 6. Color: Manufacturer's standard natural clay.
- F. Aluminum Liquid Finish: _____.
- G. Aluminum Powder Finish: _____.
- H. Aluminum Anodized Finish: _____.
- I. Metal Cladding: _____.
- J. Wood Veneering: _____.
1. Manufacturer's standard water based sealer applied to minimize damage and discoloration during installation. Final sanding and finishing is by others. It is the customer's responsibility to properly maintain finish on the wood to preserve any warranty. Wood veneering is only available on the interior side of the panel.
 2. ICA 3-coat clear sealer consisting of impregnating agent, base coat, and topcoat.

2.6 FABRICATION

- A. Fabricate components in accordance with shop drawings approved by the Architect.
- B. All major fabrication to be done at the manufacturing location and not onsite.
- C. Manufacturer must remove burrs and rough edges prior to finish application.
- D. Install gaskets and tapes at factory, as reasonable.
- E. Disassemble only to extent necessary for shipping and handling limitations.
- F. Notify Manufacturer of any field modification prior to activity commencing.
- G. Welding shall comply with standards set forth by the American Welding Society.
 1. Grind exposed welds smooth and flush with adjacent surfaces before finishing.
 2. Restore mechanical finish.
- H. Perform all work in a method that will meet or exceed industry standards.
- I. Isolation membrane materials must be used to separate dissimilar metals to prevent galvanic corrosion action between materials.
- J. Fabricate components to allow accurate and rigid fit of joints and corners. Match components carefully ensuring continuity of line and design. Ensure joints and

connections are flush and weather tight. Ensure slip joints make full, tight contact and are weather tight.

- K. Fabricate components true to detail and free from defects impairing appearance, strength, or durability.
- L. Provide contoured exterior horizontal or purlin glazing retainers to minimize water, ice, and snow buildup.
- M. Reinforce components at anchorage and support points, joints, and attachment points for interfacing work.
- N. Accurately size glazing to fit openings allowing for clearances as set forth by the "Glazing Manual" published by the Flat Glass Marketing Association (FGMA).
- O. Cut glass clean and carefully. Nicks and damaged edges will not be accepted. Replace all glass with damaged edges.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly constructed and prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. General contractor shall direct, supervise, and inspect all site work related to the modular terrace door system.
- B. Clean surfaces thoroughly prior to installation.
- C. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Installation of the modular terrace door system shall be done in accordance with approved shop drawings and manufacturer's instruction and installation manuals.
- B. Separate dissimilar materials using nonconductive tape, paint, or other material not visible in finished work.
- C. Provide attachments and shims to permanently fasten system to building structure.
- D. Maintain dimensional tolerances and alignment with adjacent work.
- E. Anchor securely in place, allowing for required movement, including expansion and contraction.
- F. Install glazing sealants in accordance with manufacturer's instructions without exception, including surface preparations.
- G. Set sill members in bed of sealant. Set other members with internal sealants to provide weather tight construction.

- H. Install flashings, bent metal closures, corners, gutters, and other accessories as required or detailed.
- I. Clean surfaces and install sealant in accordance with sealant manufacturer's instructions and guidelines.

3.4 ADJUSTING AND CLEANING

- A. Adjust hinge set, locksets, and other hardware for proper operation. Lubricate using a suitable lubricant compatible with door and frame coatings.
- B. Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions before owner's acceptance.
- C. Any abraded surface of the finish shall be cleaned and touched up with air dry paint, as approved and furnished by the window manufacture, in a color to match factory applied finish.
- D. Remove from project site, and legally dispose of construction debris associated with this work.
- E. Removable sill and head stop provide for greater serviceability of hardware without the need to remove the other panels.

3.5 HOUSEKEEPING

- A. Manufacturer shall deliver all related operating instructions, maintenance manuals, and warranty registration cards to the general contractor during the completion of the project.
- B. Installer shall protect installed products until completion of the installation from all construction debris and natural elements.
- C. Manufacturer is responsible for all touch-up repair or replace damaged products during the installation.
- D. Installer shall keep area tidy and safe at all times.
- E. Clean and dress all sealant prior to installation completion.
- F. Clean all glass prior to installation completion.
- G. Installer shall clean the entire enclosure one time at the completion of the installation. Cleaning shall include surface cleaning of aluminum framing and glass and cleanup of construction debris. All subsequent cleaning shall be the responsibility of the general contractor.

3.6 FIELD QUALITY CONTROL

- A. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.
- B. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.

3.7 CLEANING AND PROTECTION

- A. Clean products in accordance with the manufacturer's recommendations.
- B. Protect installed products until completion of project.
- C. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION