

GORDON EXTRUDED ALUMINUM FINAL FORMS I

SECTION 09 25 00

PART 1 – GENERAL

1.01 SECTION INCLUDES:

- A. This section includes Drywall Trims and accessories as shown on the Architectural Drawings.
- B. Related sections include the following: (list applicable sections).

1.02 RELATED DOCUMENTS/SECTIONS:

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions.
- B. Division 1 Specification sections apply to work of this Section.
- C. Finish Schedule or Finish Legend apply to work of this Section.

1.03 REFERENCES:

- A. GENERAL
 - 1. Comply with applicable requirements of the following, except where more stringent requirements are indicated by building codes.

1.04 DESIGN/PERFORMANCE REQUIREMENTS:

- A. All components of Final Forms I trims shall be provided by one (1) Manufacturer to ensure single source responsibility and quality control.

1.05 SUBMITTALS:

- A. Submission must be made within ten (10) working days of the General Contract Award to avoid project delay.
- B. Product Data: Submit Manufacturer's technical data and brochures for each type of specified component required, including detail drawings and Installation Instructions.
- C. Shop Drawings shall show dimensions, sizes, thickness, finishes, joining, attachments, and relationship of adjoining work.
- D. Samples:
 - 1. Submit samples consisting of 6" samples of each type of Final Form and finish as specified and accessories.
- E. Certification: Submit certification from Manufacturer of accessory attesting that products comply with specified requirements, including finish, as specified.
- F. Qualification Data:
 - 1. Firms specified in "Quality Assurance" Article must demonstrate their capabilities and experience by including lists of completed projects with project names and addresses, names and addresses of Architects and owners, and other information specified.

1.06 QUALITY ASSURANCE:

- A. Manufacturer: Firm with manufacturing and delivery capacity required for the project, shall have successfully completed at least ten (10) projects within the past five (5) years, utilizing systems, materials, and techniques as herein specified.
- B. Fabricator must own and operate its own manufacturing facilities for all metal components. Systems consisting of components from a variety of Manufacturers will not be considered or accepted.
- C. Manufacturer/Fabricator must own and operate its own Painting and Finishing facility to assure single source responsibility and quality control.

1.07 PRODUCT DELIVERY, STORAGE AND HANDLING:

- A. All materials shall be protected during fabrication, shipment, site storage, and erection to prevent damage from other trades. Store accessories inside a well-ventilated area, away from uncured concrete and masonry, and protected from the weather, moisture, soiling, abrasion, extreme temperatures, and humidity.

1.08 WARRANTY:

- A. Furnish Manufacturer's:
 - 1. Warranty that materials furnished will perform as specified for a period of not less than one (1) year from date of material shipment when installed in accordance with Manufacturer's recommendations.

PART 2 - PRODUCTS

2.01 MANUFACTURERS:

- A. Final Forms I shall be manufactured by Gordon, Inc. For all inquiries contact, Gordon, Inc., 5023 Hazel Jones Road, Bossier City, LA 71111, (800) 747-8954.
- B. The listed Manufacturer shall not be construed as closing specifications to other prospective Manufacturers, but rather as establishing a level of quality in a metal system. Other systems may be submitted for approval, as provided for in the specifications at least ten (10) working days prior to submission of bids. Companies desiring to submit a proposal shall submit all descriptive information of the system proposed including photographs and Shop Drawings of at least three (3) projects similar in detail and scope.

2.02 PRODUCT CONSTRUCTION:

- A. System Description:
 - 1. Drywall Construction: Post-applied Final Forms I Trims.
- B. Materials:
 - 1. Aluminum extrusions: 6063 per ASTM B 221 and ASTM B 221M.
- C. Accessories:
 - 1. Manufacturer's standard inserts, alignment devices, and end closures.

- D. General: Provide metals free from surface blemishes where exposed to view in finished unit. Surfaces that exhibit pitting, seam marks, roller marks, stains, and discolorations, or other imperfections on finished units are not acceptable. All metal shall be of the highest-grade commercial type.

2.03 FINISHES:

- A. Note: Standard finish for Final Forms I is paintable.
 - 1. All material shall be finished with a paintable finish suitable for priming or painting in the factory or field.
 - 2. Final Forms I material shall be factory clear anodized 200-R1 (interior application).
 - a. Color anodizing in a variety of colors is also available as a special order.
 - 3. Factory finishing supplied to match custom color and gloss specifications or Standard Colors as required. Factory finish is a 5-stage pretreatment with dried-in-place conversion coating followed by an AAMA 2604 compliant powder coating. Alternate finishes shall be chosen from the Manufacturer's standard paint finish selection (Custom Colors or other types of paint are available) including:
 - a. Powder Coating – AAMA 2605 compliant

2.04 FABRICATION:

- A. Provide extruded aluminum Trims of design, profile, and function as indicated. Select Trims to suit reveal width and depth in 10'-0" lengths to reduce the number of end joints.
- B. Provide pre-welded and soldered, mitered intersections where reveal changes direction or abuts other Trim.
- C. Provide pre-slotted reveals to facilitate ventilation as required with a minimum of 0.150 square inches per slot. Partial slots at joints are not acceptable when vented Trims are abutted end to end.
- D. In drywall construction when post-applied attachment flanges are used, Trims must be slotted with a minimum of 0.375 square inches per linear foot of flange to properly bond with the bedding compound and drywall.
- E. All attachment flanges are perforated to allow attachment to the structure of a minimum of 8" O.C.

PART 3 - EXECUTION

3.01 EXAMINATION:

- A. Examination of Surfaces: Installer must examine conditions under which work is to be performed and must notify Contractor in writing of unsatisfactory conditions.
- B. Verify that field measurements and block-out dimensions are as shown on Shop Drawings.

3.02 PREPARATION:

- A. Clean surfaces thoroughly prior to installation.

- B. Prepare surfaces using the methods recommended by the Manufacturer to achieving the best result for the project conditions.
- C. Protect factory-applied finish during the mudding process.

3.03 INSTALLATION:

- A. Space Enclosure: Do not install any work until space is enclosed and weatherproofed, wet-work in space is completed and nominally dry, work above ceilings is complete, and temperature and humidity shall be continuously maintained at values near those of final occupancy.

3.04 CLEANING:

- A. Clean all surfaces following installation. If necessary, use only a mild soap or detergent solution such as TSP-90 or Ivory.

3.05 PROTECTION:

- A. Procedures: Advise the Contractor of procedures required to protect the finished work from damage during the remainder of the construction period.
- B. Damage to Finished Work: Finished units shall be without damage. Damage shall be repaired by the Contractor at the expense of the party damaging the material, as in accordance with the contract requirements.

END OF SECTION