

Guideline Specifications

MULLION MATE – HIGH STC - EXTRUDED ALUMINUM PARTITION CLOSURE

Note to Specifier: MULLION MATE– HIGH STC is designed as a drywall accessory and should be specified in Division 09 22 16.

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections apply to this Section.

1.2 SUMMARY

- A. This section includes drywall accessories or noise control components as shown on the architectural drawings.
- B. Related Sections include the Following: (list applicable sections)

1.3 SUBMITTALS

- A. Manufacturer's Literature and Data:
 - 1. Product Data: Submit manufacturer's technical data and brochures for each type of specified component required, including detail drawings, and installation instructions.
- B. Shop Drawings:
 - 1. Shop drawings shall show dimensions, sizes, thickness, alloys, tempers, finishes, joining, attachments, and relationship of adjoining work.
- C. Samples:
 - 1. Samples shall include three, 12" samples of each type of Mullion Mate – HIGH STC partition closure and finish as specified and accessories.
- D. Certification:
 - 1. Submit certification from manufacturer of accessory attesting that products comply with specified requirements including finish as specified.
- E. 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.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Firm with manufacturing and delivery capacity required for the project, shall have successfully completed at least ten projects within the past five 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.

1.5 DELIVERY, STORAGE & HANDLING

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.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. MULLION MATE – HIGH STC extruded aluminum partition closure shall be manufactured by Gordon Interior Specialties Division, Gordon, Inc., 5023 Hazel Jones Road, Bossier City, LA 71111, (800) 747-8954, Fax (800) 877-8746, www.gordoninteriors.com, sales@gordoninteriors.com.
- 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 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 projects similar in detail and scope.

2.2 SYSTEMS DESCRIPTION

- A. Mullion Mate extruded aluminum partition closures are pre-assembled and spring loaded to provide a tight fit for vertical junctures of partitions and window walls. Mullion Mate is finished to match mullions in a spray applied water-borne cross-linked baked acrylic finish or Acrylic-Polyester hybrid powder coat paint finish or custom paints or anodized finish. They are sound tested to a 52 STC rating with optional acoustical batts for sound attenuation.

2.3 MATERIALS

- A. Aluminum extrusions: 6063-T5 temper, tensile strength 31 KSI (ASTM B 221, ASTM B 221 M). Specify **Mullion Mate 3 High STC** for openings 2-7/8" – 3-15/16", Specify **Mullion Mate 4 High STC** for openings 4" – 4-15/16", Specify **Mullion Mate 5 High STC** for openings 5" – 6-15/16", Specify **Double Mullion Mate 4 High STC** for openings 7" – 9-3/4", or Specify **Double Mullion Mate 5 High STC** for openings 9" – 13-3/4". Specify ____ lengths up to 10'.
- B. Acoustical Batt's for sound attenuation (as specified). **Factory-supplied caulk must be installed** in the field for acoustical performance purposes.
- C. Accessories:
 - 1. Mullion Mate End Caps – Specify Extruded (**MMEC-375** for 3-3/4" walls, **MMEC-487** for 4-7/8" walls, **MMEC-600** for 6" walls, **MMEC-725** for 7-1/4") or Specify Brake Formed (**MMECBF-518** for 5-1/8" walls, **MMECBF-514** for 5-1/4" walls,

MMECBF-512 for 5-1/2" walls, **MMECBF-618** for 6-1/8" walls, **MMECBF-812** for 8-1/2" walls)

- 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.

2.4 FABRICATION

- A. Provide extruded aluminum Mullion Mate High STC in specified lengths and size to fit specified openings.

2.5 FINISHES

- A. All material shall be factory anodized in clear or medium bronze (Interior Application).

OR

- A. Acrylic-Polyester hybrid powder coat paint finish available in a variety of standard or custom colors.

PART 3 – EXECUTION

3.1 INSPECTION

- 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.

3.2 CLEANING

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

3.3 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, in accordance with the contract requirements.

3.4 GENERAL RESPONSIBILITY

- A. Variation from specification: Any variation from this specification resulting in additional cost to any other contractor or subcontractor on this project shall be the sole financial responsibility of the contractor for the work of this section.