

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. Section Includes:

1. Perforated canopy style partition (Agilis Canopy Partition)
2. Accessories: provide other necessary items including devices for attachment overhead construction, secondary members, splines, splices, connecting clips, wall connectors, wall angles, and other devices required for a complete installation.
3. Supplemental support framing: Provide fully engineered secondary framing as required to meet code, conforming to layout shown in drawings, to support partition structure.

B. Related Sections / Work:

1. Sections 10 2230 - Operable Partitions
2. Sections 10 2240 - Wire Mesh Partitions
3. Sections 09 90 00 – Paintings and Coatings

C. Alternatives

1. Prior Approval: Unless otherwise provided for in the Contract documents, proposed product substitutions may be submitted no later than TEN (10) working days prior to the date established for receipt of bids. Acceptability of a proposed substitution is contingent upon the Architect's review of the proposal for acceptability and approved products will be set forth by the Addenda. If included in a Bid are substitute products that have not been approved by Addenda, the specified products shall be provided without additional compensation.
2. Submittals that do not provide adequate data for the product evaluation will not be considered. The proposed substitution must meet all requirements of this section, including but not necessarily limited to, the following: Single source materials suppliers (if specified in Section 1.5); Component design, size, composition, color, and finish; Compliance with the referenced standards.

### 1.3 REFERENCES

- A. American Society for Testing and Materials (ASTM)
  - 1. E 84 – "Standard Test Method for Surface Burning Characteristics of Building Materials"
  - 2. E 488 – "Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements"
  - 3. B 209 – "Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate"

### 1.4 SUBMITTALS

- A. Product Data: Manufacturer's published literature, including specifications.
- B. Product Certification: Manufacturer's certifications that products comply with specified requirements and governing codes including product data, laboratory test reports and research reports showing compliance with specified standards.
- C. Shop Drawings: Layout and details.
- D. Samples for Verification: Full-size units (or as specified below) of each type of partition assembly indicated; in sets for each color, texture, and pattern specified, showing the full range of variations expected in these characteristics. Submit samples for each type specified.
  - I. 1.5" x 1.5" color sample chip
  - II. 6" x 6" texture sample. (textured products only)

### 1.4 QUALITY ASSURANCE

- A. Manufacturer/Installer Qualifications:
  - 1. Provide metal partition components produced by a single manufacturer with a minimum 5 years' experience in actual production of specified products and with resources to provide consistent quality in appearance and physical properties, without delaying the work.
  - 2. Perform installations using a firm with installers having no less than 3 years of successful experience on projects of similar size and requirements.
- B. Regulatory Requirements:
  - 1. Fire Rating Performance Characteristics: Install system to provide a flame spread of 0 - 25, complying with certified testing to ASTM E 84.
  - 2. Structural Criteria: Install and certify system to comply with structural requirements of governing codes.
- C. Mock-Up: Prior to beginning installation erect a mock-up section, where directed, using all system components.

## SECTION 102200 - Partitions

- D. Pre-installation Conference: Conduct a conference, prior to start of installation, to review partition's requirements, shop drawings, and all coordination needs.

### 1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver partition's components in manufacturer's original unopened packages, clearly labeled.
- B. Store components in fully enclosed dry space. Carefully place on skids, to prevent damage from moisture and other construction activities.
- C. Handle components to prevent damage to surfaces and edges, and to prevent distortion and other physical damage.

### 1.6 PROJECT CONDITIONS

- A. Begin system installations only after spaces are enclosed and weather-tight, and after all wet work and overhead work have been completed.
- B. Prior to starting installations, allow materials to reach ambient room temperature and humidity intended to be maintained for occupancy.

### 1.7 WARRANTY

- A. Provide specified manufacturer's warranty against defects in workmanship, discoloration, or other defect considered undesirable by the Architect or Employer.
- B. This warranty shall remain in effect for a minimum period of one (1) year from date of initial acceptance.

### 1.8 MAINTENANCE & EXTRA MATERIALS

- A. Maintenance Instructions: Provide manufacturer's standard maintenance and cleaning instructions for finishes provided.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

- A. Agilis™ Canopy Partition manufactured by Maxxit Ceilings & Walls:  
[www.maxxitgroup.com](http://www.maxxitgroup.com)
- B. Substitutions not permitted.

### 2.2 SYSTEM MATERIALS

- A. Basis of design: Agilis™ Canopy Partition as manufactured by Maxxit Ceilings & Walls. Canopy style partition composed of perforated metal panels, horizontal and vertical metal tubes and attachment hardware. Material thickness per manufacturer's recommendations.
- B. Perforation patterns: : .032" to 1" diameter standard

C. Panel Finish:

1. Paint; color to be selected by architect
  - a. Applied Polyester
  - b. Powder Coat

2.3 ACCESSORY MATERIALS

- A. Brackets and related hardware to construct the partition, stiffeners if applicable.

PART 3- EXECUTION

3.1 EXAMINATION

- A. Examine substrates and structural framing to which partition attaches or abuts, with installer present, for compliance with requirements specified in this and other Sections that affect installation and anchorage, and other conditions affecting performance of metal partition.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Coordination: Furnish layouts for cast-in-place anchors, clips, and other anchors whose installation is specified in other Sections.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.
- B. Where used secure wire hangers to ceiling suspension members and to supports above with a minimum of three tight turns. Connect hangers directly either to structures or to inserts, eye screws, or other devices that are secure; that are appropriate for substrate; and that will not deteriorate or otherwise fail due to age, corrosion, or elevated temperatures.

3.4 ADJUST AND CLEAN

- A. Adjust components to provide uniform tolerances.
- B. Replace all ceiling components that are scratched, dented or otherwise damaged.
- C. Clean exposed surfaces with non-solvent, non-abrasive commercial type cleaner.

**End of Section**