

Product Name: Terminus Glazing Channel

Manufacturer: CertainTeed Architectural

SECTION 09 53 00 (09530) – Acoustical Ceiling Suspension Assemblies

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract apply to this section. This includes General and Supplementary Conditions of Division 01 (1) Specification Sections.

1.2 SUMMARY

- A. Section includes Drywall System components for gypsum and plaster board assemblies
- B. Section includes acoustic panels and suspension systems for ceilings
- C. Related Sections
 - 1. Section 09 50 00 (09500) – Ceilings
 - 2. Section 09 51 00 (09510) – Acoustical Ceilings
 - 3. Division 23 (15) – Heating, Ventilating and Air Conditioning (HVAC)
 - 4. Division 26 (16) – Electrical

1.3 REFERENCES

- A. ASTM A641 – *Specification for Steel Sheet, Zinc-Coated (galvanized) Carbon Steel Wire*
- B. ASTM A653 – *Standard Specification for Steel Sheet, Zinc-Coated (galvanized) or Zinc-Iron Alloy-Coated (galvannealed) by the Hot-Dip Process*
- C. ASTM A1008 – *Standard Specification for Steel, Sheet, Cold Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability*
- D. ASTM C635 – *Standard Specification for Metal Suspension Systems for Acoustic Tile and Lay-in Panel Ceilings*
- E. ASTM C636 – *Recommended Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings*
- F. ASTM C645 – *Standard Specification for Nonstructural Steel Framing Members*
- G. ASTM D610 – *Standard Test Method for Evaluating Degree of Rusting on Painted Steel Surfaces*
- H. Cisca (Ceilings & Interior Systems Construction Association) – *Ceilings Systems Handbook*

1.4 SUBMITTALS

- A. Product Data

1. Submit manufacturer's published technical information for each product indicated
- B. Shop Drawings
 1. Submit reflected ceiling plans drawn to scale prescribed by Architect
 - a. Include coordinated penetrations and ceiling-mounted items
 - b. Include any necessary details or drawings from the manufacturer regarding recommended installation
- C. Samples
 1. Submit 12 inch long samples of suspension system components, including main runner, cross tee, wall angle
 2. Submit representative manufacturer's sample of each suspension member indicated
- D. Certifications
 1. Provide manufacturer's written certification that products submitted meet or exceed all specified requirements

1.5 QUALITY ASSURANCE

- A. Source Limitations
 1. Cloud Perimeter Trim
 - a. Obtain all cloud perimeter framing components through one source from a single manufacturer
- B. Installer Qualifications
 1. Must be experienced in the installation of systems similar to those specified herein

1.6 DELIVERY, STORAGE AND HANDLING

- A. Delivery of perimeter trim system will be in the original unopened packages with the manufacturer's label intact
- B. Handling and storage should be in accordance with the manufacturer's Safety Data Sheets (SDS)
- C. Product cartons should be handled carefully to avoid damage

1.7 COORDINATION

- A. Coordinate the installation of the perimeter trim system with any and all trades whose work is impacted by that installation

1.8 EXTRA MATERIALS

- A. Provide extra materials in the manufacturer's unopened packaging, with the manufacturer's label intact, as detailed below
 1. Suspension System Components – Minimum 5% of each type installed

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. CertainTeed Architectural
 - 1. Address: 20 Moores Road, Malvern, PA 19355
 - 2. Telephone: 800-233-8990
 - 3. Web: www.certainteed.com/architectural

2.2 SUSPENSION SYSTEM

- A. Manufacturer: CertainTeed Architectural
- B. Product
 - 1. Name: Terminus Glazing Channel
- C. Physical Characteristics
 - 1. Sturdy extruded aluminum construction with fully-painted surface
 - 2. Inside of trim features double-grooved channels to provide additional strength
 - 3. Provides a seamless integration of glass walls into drywall and acoustical suspended ceilings
 - 4. All necessary splice and twist clips are shipped together with the cloud perimeter trim items
 - 5. Available with factory-mitered corner options
 - 6. Up to four glazing channel profiles for the transition of acoustical to drywall ceilings
 - 7. Available in white, black, and additional color options offered through our Post-Paint process
- D. Components
 - 1. Terminus Acoustical up to Acoustical Transition Straight
 - a. TTGCAA-2 WHT
 - i. L:120" x H:2" x F:2-1/4"
 - ii. TTGCAA-2 BLK
 - b. TTGCAD-4 WHT
 - i. L:120" x H:2" x F:2-5/8"
 - ii. TTGCAD-4 BLK
 - c. TTGCSS-6 WHT
 - i. L:120" x H:2-1/2" x F:2-1/4"
 - ii. TTGCSS-6 BLK
 - d. TTGCDD-8 WHT
 - i. L:120" x H:2" x F:3"
 - ii. TTGCDD-8 BLK

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Ascertain acceptability of substrates and building conditions under which the ceiling system is to be installed. Do not proceed with the installation until any and all unacceptable conditions have been rectified.

3.2 INSTALLATION

- A. Install the ceiling system in accordance with the following:
 - 1. Manufacturer's printed instructions

- a. Available online at www.certainteed.com/architectural
2. ASTM C636
3. Ceilings & Interior Systems Construction Association (CISCA) recommendations
4. Applicable local code requirements
5. Approved shop drawings

END OF SECTION

CertainTeed Architectural shall be held harmless for any damages resulting from the use of this specification guide
