**Product Name:** 9/16” EZ Stab Bolt Slot System – 1/8” Reveal

**Manufacturer:** CertainTeed Ceilings Corporation

# SECTION 09 53 00 (095300) – ACOUSTICAL CEILING SUSPENSION ASSEMBLIES

## PART 1 – GENERAL

* 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. SUMMARY

1. Section includes acoustical ceiling panel suspension systems for ceilings
2. Related Sections
3. Section 09 20 00 (09250) – Plaster and Gypsum Board
4. Section 09 50 00 (09500) – Ceilings
5. Section 09 51 00 (09510) – Acoustic Ceilings
6. Division 23 (15) – Heating, Ventilating and Air Conditioning (HVAC)
7. Division 26 (16) – Electrical
   1. REFERENCES
8. ASTM A641 – *Specification for Steel Sheet, Zinc-Coated (galvanized) Carbon Steel Wire*
9. ASTM A653 – *Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galv-annealed) by the Hot-Dip Process*
10. ASTM A1008 – *Standard Specification for Steel, Sheet, Cold Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability*
11. ASTM C635 – *Standard Specification for Metal Suspension Systems for Acoustic Tile and Lay-in Panel Ceilings*
12. ASTM C636 – *Recommended Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings*
13. ASTM D610 – *Standard Test Method for Evaluating Degree of Rusting on Painted Steel Surfaces*
14. CISCA (Ceilings & Interior Systems Construction Association) – *Ceilings Systems Handbook*
15. CISCA (Ceilings & Interior Systems Construction Association) – *Acoustical Ceilings – Use and Practice*
16. CISCA (Ceilings & Interior Systems Construction Association) – *Guidelines For Seismic Restraint Direct Hung Suspended Ceiling Assemblies*
17. International Code Council-Evaluation Services Report - Seismic Engineer Report
18. International Living Future Institute – *LBC Declare Label*
    1. SUBMITTALS
19. Product Data
20. Submit manufacturer’s published technical information for each product indicated
21. Shop Drawings
22. Submit reflected ceiling plans drawn to scale prescribed by Architect
    1. Include coordinated penetrations and ceiling-mounted items
    2. Include any necessary details or drawings from the manufacturer regarding recommended installation
23. Samples
24. Submit 12 inch long samples of suspension system components, including main runner, cross tee, wall angle
25. Submit representative manufacturer’s sample of each suspension member indicated
26. Certifications

# Provide manufacturer’s written certification that products submitted meet or exceed all specified requirements

* 1. QUALITY ASSURANCE

1. Source Limitations
2. Acoustical Suspension System
   1. Obtain all acoustical ceiling framing components through one source from a single manufacturer
3. Installer Qualifications
4. Must be experienced in the installation of systems similar to those specified herein
   1. DELIVERY, STORAGE AND HANDLING
5. Delivery of drywall suspension system will be in the original unopened packages with the manufacturer’s label intact
6. Handling and storage should be in accordance with the manufacturer’s Safety Data Sheets (SDS)
7. Product cartons should be handled carefully to avoid damage
   1. COORDINATION
8. Coordinate the installation of the drywall suspension system with any and all trades whose work is impacted by that installation
   1. EXTRA MATERIALS
9. Provide extra materials in the manufacturer’s unopened packaging, with the manufacturer’s label intact, as detailed below
10. Suspension System Components – Minimum 5% of each type installed

**PART 2 - PRODUCTS**

2.1 MANUFACTURER

1. CertainTeed Ceilings
2. Address: 20 Moores Road, Malvern, PA 19355
3. Telephone: 800-233-8990
4. Web: [www.certainteed.com/ceilings](http://www.certainteed.com/ceilings)

2.2 SUSPENSION SYSTEM

1. Manufacturer: CertainTeed Ceilings
2. Product
   1. Name: [9/16” EZ Stab Bolt Slot System – 1/8” Reveal]
3. Physical Characteristics
4. Structural Classification: [Intermediate Duty, Heavy Duty] (per ASTM C635)
5. Double web design manufactured of hot-dipped galvanized steel [G30]
6. Cross tees feature EZ Clip – reduced insertion force, easy removability
7. Main runners and cross tees feature double-web stitching to increase torsional rigidity, reduced grid rotation or bending
8. Centering tabs on all tees to prevent panel shifting and visual gaps when installing square edge panels in narrow grid
9. Mitered design on cross tee and main runner intersections
10. Tee height: [1-3/4”]
11. Flange Size: [9/16”]
12. Standard Color: [White]
13. Recycled Content:
    1. Main Runners: 87% - 88%
       1. ID Main Runners: 87%
          1. 19% (pre-consumer)
          2. 68% (post-consumer)
       2. HD Main Runners: 88%
          1. 19% (pre-consumer)
          2. 69% (post-consumer)
    2. Cross Tees: 88%
       1. 19% (pre-consumer)
       2. 69% (post-consumer)
    3. Wall Angle: 88%
       1. 19% (pre-consumer)
       2. 69% (post-consumer)
    4. Shadow Molding: 53% - 88%
       1. SM1000, SM1020: 88%
          1. 19% (pre-consumer)
          2. 69% (post-consumer)
       2. SM1030, SM1040, SM1050, SM1060: 53%
          1. 9% (pre-consumer)
          2. 44% (post-consumer)
14. Components
15. Main Runners
    1. Size: [10’, 12’]
16. Cross Tees
    1. Size: [20”, 24”, 30”, 48”, 60”]
17. Edge Molding
    1. Type: [angle, shadow molding]
    2. Profile: As selected by the Architect
    3. Size: [120”, 144”]
18. Attachment Devices: Anchors sufficient for five-times design load indicated in ASTM C635 (Table 1). Wire for hangers of size and type to suit intended application, complying with ASTM A641, Class 1 zinc coating, not less than 12 gauge
    1. Seismic Restraints: Pursuant to ASTM E580 and local code requirements
    2. ICC-ES Evaluation Service Report (ESR-3336)
       1. Suspended Ceilings Framing Systems and Seismic Perimeter Clip
       2. City of Los Angeles Building Code compliant via ESR-3336 LABC Supplement
19. Independent Certifications
    1. Living Building Challenge Declare Label
       1. *LBC Red List Free*, per International Living Future Institute

## PART 3 – EXECUTION

3.1 EXAMINATION

1. 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. The CertainTeed Drywall System can be installed in both interior and exterior applications.

3.2 INSTALLATION

1. Install the ceiling system in accordance with the following:
2. Manufacturer’s printed instructions
   1. Available online at [www.certainteed.com/commercial-ceilings](http://www.certainteed.com/commercial-ceilings)
3. ASTM C636
4. Ceilings & Interior Systems Construction Association (CISCA) recommendations
5. Applicable local code requirements
6. Approved shop drawings

# END OF SECTION

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