

## SECTION 09 51 13 – USG DONN® BRAND AX™ ACOUSTICAL SUSPENSION SYSTEM

**Product Summary:**

- Meets 2014 guidelines for healthcare facilities.
- Noncorrosive aluminum 15/16" exposed grid system with stainless steel clip, ideal for high-humidity or wet-cleaned areas.
- Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D5402.
- No crevices between suspension system and tile.
- Tested for environmental conditions in accordance with ASTM C635.
- Aluminum components can be used in nonmagnetic environments and meet USDA/FSIS requirements.
- Cross-tee override ends resist twisting and give a professionally finished look.
- Proprietary stainless steel QUICK-RELEASE™ clip.
- Non-fire rated applications only
- Not intended for exterior use.
- <insert product representative here> or 800.874.4968 for technical questions

**Note to Specifier:**

This document is not intended to function as a standalone specification. It is intended to assist the specifier in inserting the proper language into the following recommended specification sections:

09 51 13 Acoustical Panel Ceilings

09 51 23 Acoustical Tile Ceilings

09 51 33 Acoustical Metal Pan Ceilings

09 54 23 Linear Metal Ceilings

## 2.5 METAL SUSPENSION SYSTEM FOR ACOUSTICAL CEILING PANEL

- A. Aluminum double-web design; bottom face with; 15/16" (24mm) exposed flange with pre-painted aluminum cap; cross tee holes and hanger wire holes at 6 in oc; integral reversible splices as defined by: ASTM C635, commercial quality pretreated and painted, exposed surfaces prefinished in manufacturer's standard corrosion resistant enamel paint finish. Cross tees; roll-formed aluminum into double-web design with rectangular bulb; 15/16 (24mm) in exposed flange with pre-painted aluminum cap; Stainless Steel clips clenched to the web Main tees and cross tees shall be positively locked, yet shall be removable without the use of tools: <INSERT DESIGNATION HERE>:
1. Basis of Design: Subject to compliance with project requirements, the design is based on the following: USG Interiors, LLC, "USG DONN® Brand AX™ 15/16" Acoustical Suspension System".
  2. Structural Classification: light duty.
  3. Tee Profile: Standard Face 15/16" (24 mm) wide.
  4. Tee Height: 1 1/2" (38 mm).
  5. Grid Module: [As noted on drawings].
  6. Fire Rating: Class A.
  7. Color: standard flat white 050.
  8. Recycled Content: up to 90%.
- B. Accessories.
1. Wall molding, L-shape aluminum: Inside Corner: Field-mitered joints at wall molding. Prefabricated corner cap; formed to 90° angle; hemmed edge; size and finish to match

wall molding. Outside Corner: Prefabricated corner cap; formed to 90° angle; hemmed edge; size and finish to match wall molding.

- a. Angle shape; 7/8 in. thick mounting flange by 7/8 in. thick face flange; hemmed edges; exposed surface pre-finished to match suspension system components.  
Available Product: M7A.
  2. Channel Molding, U-shape aluminum: pre-finished exposed surface to match suspension system components with hemmed edges.
    - a. U mold 1-9/16" x 1/2" x 1" Available product: UA 25.
- C. Suspension System Attachment devices.
1. Hanger Wire: Galvanized carbon steel; soft temper; pre-stretched; yield stress load at least three times the design load but not less than 12-gauge.
    - a. Spacing and gauge per IBC, UL and Cisca design.
    - b. Supplied and installed by ceilings subcontractor.

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