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

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| **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 |

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| **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

* + - * 1. 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>**:

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**”.

Structural Classification: light duty.

Tee Profile: Standard Face 15/16” (24 mm) wide.

Tee Height: 1 1/2” (38 mm).

Grid Module: [As noted on drawings].

Fire Rating: Class A.

Color: standard flat white 050.

Recycled Content: up to 90%.

* + - * 1. Accessories.

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.

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.

Channel Molding, U-shape aluminum: pre-finished exposed surface to match suspension system components with hemmed edges.

U mold 1-9/16” x ½” x 1” Available product: UA 25.

* + - * 1. Suspension System Attachment devices.

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.

Spacing and gauge per IBC, UL and CISCA design.

Supplied and installed by ceilings subcontractor.

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