



SUPPLEMENTAL INSTALLATION INSTRUCTIONS SECTION 1-A: 2" PLASCORE WALKABLE CEILING SYSTEM - CUT CORNER HANGER ASSEMBLY (PART# A0514)

Instructions available in Spanish

THE FOLLOWING INFORMATION IS PROVIDED BY PLASCORE, INC. AS A GENERAL GUIDELINE FOR INSTALLATION OF THE PLASCORE 2" WALKABLE CEILING SYSTEM CUT CORNER HANGER ASSEMBLY. THIS INFORMATION SHOULD BE REVIEWED PRIOR TO COMMENCING INSTALLATION. THE INFORMATION IS INTENDED TO COVER STANDARD INSTALLATION PRACTICES, AND MAY NOT COVER CUSTOM DETAILS SPECIFIC TO THE PARTICULAR PROJECT IN QUESTION. CONSULT PLASCORE INC. FOR QUESTIONS ON CUSTOM INSTALLATION APPLICATIONS.

1. CRITERIA FOR USE OF #A0514 HANGER PLATE ASSEMBLY AT FIELD CUT CORNERS

- A. #A0514 hanger assembly is intended to be used where two edges of a walkable ceiling panel have been field cut and no internal extrusion exists.
- B. The #A0514 hanger plates must line up with a 2" wall, or other cavity below the ceiling to hide the lower plate (see detail for clarification).
- C. This hanger solution is limited in the panel sizes it can be used on due to load capacity. The maximum load on a single panel using this hanger method is 600lb. **This equates to a maximum panel size of 20 square feet at 30 lbs/sqft load rating, or 12 square feet at 50 lbs/sq.ft load rating.**

2. INSTALLATION OF #A0514 PLATE ASSEMBLY

- A. Cut the ceiling panel to the required dimensions.
- B. Determine the location of the #A0514 plate assembly. Cut a 6" section of M0859 headtrack and install on the cleanroom side of the cut ceiling panel where the plate assembly will be located.
- C. Use the #M2183 plate as a template and drill two 3/8" diameter through holes in the panel. The plate should be positioned inside the headtrack or within the cavity wall depending on the application to be hidden by the wall below.
- D. Install two #M2183 plates sandwiching the panel as indicated in the detail. Fasten with two 3" (grade 5) hex bolts and lock nuts as indicated. **Torque bolts to 12-16 in-lbs. Torque should be sufficient to compress lock washers without producing audible crinkle or popping noises from the aluminum honeycomb. Over torquing could lead to pre-crushing of the panel core and premature load failure.**
- E. Fasten turnbuckle tube to the top plate in the assembly prior to installing the panel. **ALL TURNBUCKLE ATTACHMENTS SHOULD BE MADE USING THE PLASCORE SUPPLIED FASTENERS. SUBSTITUTIONS ARE NOT ALLOWED.**

(CONSTRUCTION TIPS:)

- 1. The installation of the corner plate assembly should all be done prior to hoisting the panel into place for ease of installation.*
- 2. Be sure to position the pre-installed 6" headtrack in a manner that aligns with the rest of the headtrack installation.*

3. CEILING PANEL INSTALLATION

- A.** Fasten the panel to the turnbuckle plates as normal at the three standard corners.
- B.** Thread the previously installed turnbuckle tube at the A0514 hanger assembly onto the threaded rod at the hang point.
- C.** Continue installing adjacent panels as normal.

(CONSTRUCTION TIPS:)

- 1. Panel penetrations should be kept a minimum of 6" from the A0514 hanger assembly.*