

# Webb Core 2 3/4" x 2'-0" x 4'-0" Walkable Ceiling Panel

## SPECIFICATION:

### 1. DESCRIPTION:

Items to be provided are aluminum honeycomb sandwich panels designed, manufactured and intended to provide high structural strength with minimal weight. The panels shall be installed on a strut support system as a main support (4'-0" o.c.). During service, the panels can be removed to gain access to equipment above and beneath the panels.

Panels shall be 2 3/4" (nominal), 47 5/8" x 23 5/8".

### 2. PRODUCTS:

Walkable clean room ceiling panels manufactured by Webb Core, Inc. Telephone: 1-800-697-8062

### 3. SYSTEM PERFORMANCE REQUIREMENTS:

A. Panels shall be manufactured utilizing the following components;

1. Aluminum alloy 3105 H25 mill finish top and bottom cover plates, or Amerimax 3003 H25 .040 StarBright.
2. Aluminum honey comb core, 3/4" cell size, CGH 1.8-3/4 N.
3. Panel shall be bonded using 2 component, 100% solids epoxy.
4. Provide low tack removable polyethylene protective coating (3.0 mils) nominal.

B. The panels shall support a midspan load of 5600 pounds with a maximum deflection of .018 inches, based on a maximum span of 4'-0". Recommended working load of 1500 pounds maximum with a deflection of .075".

### 4. FLAMMABILITY REQUIREMENTS:

The panels shall meet minimum requirements of 5 for smoke and 0 flamespread when tested to ASTM E84.

### 5. QUALITY ASSURANCE:

A. The following shall be submitted with bids;

1. Product data for the proposed system.
2. Sample of panels

(Ceiling access must be limited to authorized personnel only, and thereby uses appropriate live loads. Loads are consistent with those required by the U.B.C. Durable signage stating "AUTHORIZED PERSONNEL ONLY" should be posted at access points per U.B.C. 1604.5 \*1994 Edition)

