SECTION 095133 – USG Pixels™ Snap-In Metal Ceilings

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| **Product Summary:**  |
| * Aluminum panels provide a monolithic appearance.
* Easy installation into standard USG Donn® Brand Fineline® DXF™ Acoustical Suspension System.
* Aluminum panels are positively attached to the suspension system through engineered connection.
* Downward panel access is excellent for shallow plenum areas.
* Wall-mount solution available; see IC605.
* Panel thickness: Reference table below for base metal thickness.
* Since panels are installed from below, the clearance for installation and removal of panels is minimal. Additional plenum clearance of up to 9" may be required for air boot and lighting installations, depending on the unit selected.
* **<insert product representative here>** or call 800.874.4968 for technical questions.
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| **panel size** | **12x48** | **12x60** | **24x24** | **24x48** | **24x60** | **24x72** | **48x48** | **30x30** | **30x60** |
| **thickness SI** | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 | 0.040 |
| **thickness MM** | 1.016 | 1.016 | 1.016 | 1.016 | 1.016 | 1.016 | 1.016 | 1.016 | 1.016 |

Note: All metal thickness to be uniform within a given project area/space, typical.

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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 33 ACOUSTICAL METAL PAN CEILINGS.
* Panel lengths equal to or greater than 59 inches then one stabilizer bar or cross tee is required at midpoint. If panel length is ≥ 96 inches then two stabilizer bars or cross tees are required at the 1/3 and 2/3 points.
* Cross tees ≥ 96 inches used in large modules shall have hanger wires installed minimum 4 ft. o.c. 3.
* The perforation pattern and acoustical backer will impact acoustical performance.
* Refer to the following USG literature for more information:
	+ System brochure: IC564
	+ Data sheet: IC563
	+ Design guide: IC566
	+ Image release form: IC572
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2.3 USG PIXELS ALUMINUM METAL SNAP-IN CEILING TILES

* + - * 1. Acoustical Panel Type **<INSERT DESIGNATION HERE>**:

Basis of Design: Subject to compliance with project requirements, the design is based on the following: USG Interiors, LLC,”Pixels”.

Classification: Provide ceiling panels complying with ASTM E 1264 for type, form and pattern as follows:

Type: VII, Perforated aluminum facing (pan) with mineral glass or fiber base backing.

Pattern: [USG Pixels] [Reference Architectural Drawings] [Reference Material Schedule].

Pan Face Finish painted in color to match manufacturer’s full range: [Flat White 050] [Silver Satin 002] [Matte White 3708].

LR: Not less than [Flat White 050 without perforations 0.8].

Edge/Joint Detail: 1/8” Flush reveal.

Metal Thickness: <as noted in schedule above>.

Suspension Grid Width 9/16 inch (14 mm).

Modular Size: [**12 by 48 inches (305 by 1219 mm)**] [**12 by 60 inches (305 by 1524 mm)**] [**24 by 24 inches (610 by 610 mm)**] [**24 by 48 inches (610 by 1219 mm)**] [**24 by 72 inches (610 by 1828 mm)**] [**24 by 96 inches (610 by 2438 mm)**] [**48 by 48 inches (1219 by 1219 mm)**] [**20 by 60 inches (508 by 1524 mm)**] [**30 by 30 inches (762 by 762 mm)**] [**30 by 60 inches (762 by 1524 mm)**] [As indicated on Drawings] [As indicated in a schedule].

Recycled Content: [insert project requirements here %].

Required accessories: Stabilizer bars for all panels longer than 4’-11” (1500 mm)

Panel Warranty: 30-year lifetime system warranty against visible sag, mold and mildew.

* + - * 1. Accessories.

Molding

UA-25 Aluminum molding: Channel shape, 1”x1-9/16” x1/2”(25 x 40 x 12.4).

U-2-3/32 Aluminum molding: Channel shape, 2-3/32”x7/8”x1-1/8” (53 x 22 x 28.5).

Hold down clip, for cut perimeter panels in molding

T-15 hold down clip for UA-25 molding

U-2-3/32 hold down clip for U-2-3/32 molding

CA5 Retrofit molding: For ceiling track, finished to match with ceiling panel.

CA2 Retrofit slip-on molding: For wall angle, finished to match with ceiling panel.

CA1 arrowhead reveal spacer: For cut perimeter panels into first reveal row.

CA4 round reveal spacer: For cut perimeter panels adjacent to lights or air diffuser, or for use with retrofit U-molding.

Celebration Access tool: For panel removal.

* + - * 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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