SECTION 09 51 33 – USG PANZ™ METAL CEILINGS

Product Summary:
• Simple lay-in design provides 100% access.
• Acoustibond™ sound backer produces .65 NRC (pattern dependent) without additional acoustical material when panels are installed within an enclosed plenum (minimum plenum depth: 18").
• Available in numerous perforation patterns.
• Creates reveal edge on field-cut panel.
• Available with same edge details as USG acoustical panels.
• Panel thickness: Reference table below for base metal thickness.
• <insert product representative here> or 800.874.4968 for technical questions.

panel size	12x48	12x60	24x24	24x48	24x60	24x72	48x48	30x30	30x60
thickness SI	0.021	0.021	0.021	0.032	0.032	0.032	0.040	0.032	0.040
thickness MM	0.5334	0.5334	0.5334	0.8128	0.8128	0.8128	1.016	0.8128	1.016

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

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.

2.3   USG PANZ™ ALUMINUM METAL PAN CEILING TILES

 A. Acoustical Panel Type **<INSERT DESIGNATION HERE>**:
  1. Basis of Design: Subject to compliance with project requirements, the design is based on the following: USG Interiors, LLC, "Panz".
  2. Classification: Provide ceiling panels complying with ASTM E 1264 for type, form and pattern as follows:
   a. Type: VII, Perforated aluminum facing (pan) with mineral glass or fiber base backing.
   b. Pattern: [A Perforated, round holes in a 45 degree configuration] [B Perforated round holes in a 60 degree configuration] [C Perforated round holes in a straight configuration] [D Perforated square holes in various configurations] [A062] [A062A] [A062D] [A116] [A188] [A250] [B079] [B125] [B188A] [B197] [B250] [B250H] [B312] [B500] [C030] [C040] [C062] [C062A] [C116] [C188] [C250A] [C375] [C500] [D250] [D375] [D500] [D500D] [Select from List of Manufacturer's Standard Patterns] [Reference Architectural Drawings] [Reference Material Schedule].
  3. Pan Face Finish painted in color to match manufacturer's full range: [Flat White 050] [Silver Satin 002] [Matte White 3708] [Metallic Copper 1690] [Metallic Gold 1691] [Metallic Oyster 1652] [Aged Copper 1017] [Etched Ice Dark 1016] [Etched Ice Light 1015]

   [Beech 3810] [Dark Bamboo 3808] [Dark Cherry 3811] [Light Bamboo 3809] [Light Cherry 3812] [Maple 3813] [Red Oak 3814] [Walnut 3815].

  4. LR: Not less than [Flat White 050 without perforations 0.8]. [consult USG for values – it will vary depending on paint color and perforation pattern].

5. NRC: Not less than [0.65] [0.80] [0.90].
6. CAC: Not less than [20] [30] [35].
7. Edge/Joint Detail: [FL] [SL] [SQ] [FM].
8. Metal Thickness: <as noted in schedule above>.
9. Suspension Grid Width **[9/16 inch (14 mm)]** **[15/16 inch (24 mm)]**
10. Panel Depth: [**3/8 inch (9.5 mm)**] [**1/2 inch (12.7 mm)**].
11. 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 60 inches (610 by 1829 mm)**] [**24 by 72 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].
12. Recycled Content: [insert project requirements here %].
13. Required accessories: Stabilizer bars for all panels longer than 4'-11" (1500 mm)
14. Panel Warranty: 1-year USG Specialty Systems Warranty, reference USG SC2102

B. Accessories.
1. Add clips and items here – may need input from CSG/Faris for what we should consider including here.
    a. M9 wall molding: 15/16" x 9/16 x 12' (24 x 14 x 3658) long angle shape of pre-painted steel.
    b. MS274 shadow molding: 7/8" x ¾" x 9/32" x 1-1/4" (22 x 19 x 7 x 32) for seismic installation.
    c. PZTSL Panz Shadowline perimeter trim: ¼" x 5/8" x ½" x 12' (6 x 16 x 12.7 x 3658).
    d. PZTFL Panz Fineline perimeter trim: ¼" x 5/16" x ½" x 12' (6 x 8 x 12.7 x 3658).
    e. Panels with cutouts: For lighting, sprinklers, or speakers with integral trim to conceal the edge of the panel cutout (specify cutout sizes and locations for each type) or specify that cutouts are to be made in the field.

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.