

SECTION 09 51 23 – USG RADAR™ BASIC ACOUSTICAL TILE CEILINGS

USG RADAR™ BASIC

- Non directional pattern
- Budget friendly pricing
- Optional Firecode® product designed to meet life safety codes
- USDA Certified Biobased Product
- <insert product representative here> or 800.874.4968 for technical questions

Note to specifiers:

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

2.3 ACOUSTICAL 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, “[Radar Basic] [Radar Basic Illusion]”.
2. Classification: Provide ceiling panels complying with ASTM E 1264 for type, form and pattern as follows:
 - a. Type: III, mineral base with painted finish
 - b. Form: 2, water felted
 - c. Pattern: [C & E, perforated, small holes and light texture] [C, E & K, perforated, small holes, light texture and surface scored].
3. Color: Flat White 050.
4. LR: Not less than 0.83.
5. NRC: Not less than [0.50] [0.55] [0.60].
6. CAC: Not less than [33] [35] [40].
7. Edge/Joint Detail: [SLT Beveled Reveal] [FLB Flush Beveled Reveal] [SF Tongue and Grooved with beveled edge] [SQ Square].
8. Suspension Grid/Width: [DX/DXL] [DXT] [DXLT] [DXF] [DXFF] [DXI] [9/16 inch (14 mm)] [15/16 inch (24 mm)] [1 ½ inch (38 mm)].
9. Panel Thickness: [5/8 inch (15.8 mm)] [3/4 inch (19 mm)].
10. Modular Size: [12 by 12 inches (305 by 305 mm)] [24 by 24 inches (600 by 600 mm)] [24 by 48 inches (600 by 1200 mm)] [20 by 60 inches] [30 by 60 inches] [As indicated on Drawings] [As indicated in a schedule].
11. Recycled Content: Up to [58%].
12. VOC Emissions: Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.1-2010 (CA Section 01350). Certificates of Compliance for Low VOC Emissions are available on usg.com and at productguide.ulenvironment.com
13. Panel Features: Biobased product that is USDA certified.
14. Panel Options:
 - a. [Firecode®; a Fire rated option, designed to meet life safety codes].

- b. [High Recycled Content: Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer post-industrial recycled content per FTC guidelines].

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