SECTION 09 51 23 – USG RADAR™ ACOUSTICAL TILE CEILINGS

**USG RADAR™**

* ClimaPlus™ 30 year limited system warranty performance.
* Non-directional pattern.
* Optional Firecode® product designed to meet life safety codes.
* USDA Certified Biobased Product.
* High Durability panels are 55% more durable than standard panels.
* **<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

* + - * 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, “Radar”.

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

Type: III, mineral base with painted finish

Form: 2, water felted

Pattern: **[C & E, perforated, small holes and light texture]**

Color: **[Flat White 050] [Charcoal 534] [Flat Black 205] [Manila 246] [Parchment 103] [Sandstone 090] [Straw 143] [Taupe 107] [Beige 142] [Silvertone 052] [Mist 053].**

LR: Not less than **[0.84] [0.85].**

NRC: Not less than **[0.45] [0.55].**

CAC: Not less than **[33] [35].**

Edge/Joint Detail: **[SLT Beveled Reveal] [FLB Flush Beveled Reveal] [SF Tongue and Grooved with beveled edge] [SQ Square].**

Suspension Grid/Width: **[DX/DXL] [DXT] [DXLT] [DXF] [DXLF] [DXFF] [DXI][DXW] [9/16 inch (14 mm)] [15/16 inch (24 mm)] [1 ½ inch (38 mm)].**

Panel Thickness: **[5/8 inch (15.8 mm)].**

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)] [As indicated on Drawings] [As indicated in a schedule].**

Recycled Content: **Up to [59%].**

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

Panel Features:

Biobased product that is USDA certified.

Abuse Resistant, high durability and can be cleaned easily with a soft brush & vacuumed.

Panel Options:

**[Firecode®; a Fire rated option, designed to meet life safety codes].**

**[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].**

ClimaPlus™ 30 year limited system warranty performance: Contains a broad spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag resistance performance.

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