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

**USG RADAR™ EDUCATION**

* ClimaPlus™ 30 year limited system warranty performance
* High-NRC/High-CAC formulation helps to comply with ANSI S12.60 Classroom Guidelines (LEED for schools).
* Excellent Sound Absorption. Available with 40 CAC for increased room to room speech privacy and 0.70 NRC for greater sound control in classrooms.
* Optional Firecode® product designed to meet life safety codes
* USDA Certified Biobased Product
* High Durability panels are 55% more durable than standard panels
* Non directional pattern reduces installation time and waste
* **<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

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| **Sustainability Notes:** (Architecture 2030 Challenge for Products - LEED v4 EPD/LCA improvements) |
| * 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’ available on usg.com and at productguide.ulenvironment.com. |

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 Education”.

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.

LR: Not less than 0.84.

NRC: Not less than **[0.55] [0.70].**

CAC: Not less than **[35] [40].**

Edge/Joint Detail: **[SLT Beveled Reveal] [FLB Flush reveal] [SQ Square].**

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

Panel Thickness: **[5/8 inch (15.9 mm)] [3/4 inch (19 mm)] [7/8 inch (23 mm)].**

Modular Size: **[24 by 24 inches (610 by 610 mm)] [24 by 48 inches (610 by 1220 mm)] [As indicated on Drawings] [As indicated in a schedule].**

Recycled Content: Up to 57%.

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’ available on usg.com and at productguide.ulenvironment.com.

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.].

[High durability abuse resistant panels].

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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