SECTION 095123 – USG CLEAN ROOM™ ACOUSTICAL TILE CEILINGS

**USG CLEAN ROOM™**

* ClimaPlus™ 30 year limited system warranty.
* USG Clean Room™ panels have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 (ISO 5) or 10M–100M (ISO 7) clean rooms.
* USDA Certified Biobased Product.
* Firecode® product designed to meet life safety codes.
* **<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, “Clean Room”.

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

Type: X, mineral base with membrane faced overlay

Form: Not Applicable

Pattern: **[GI, smooth and embossed] [CGI, perforated small holes, smooth and embossed].**

Color: Manufacturers standard Flat White 050.

LR: Not less than 0.79.

NRC: Not less than **[0.55] or [Not Applicable].**

CAC: Not less than 35.

Edge/Joint Detail: SQ Square.

Suspension Grid/Width: **[DX/DXL] [DXLA] [ZXLA] [AX] [CE] [15/16 inch (24 mm)] [1 ½ inch (38 mm)].**

Panel Thickness: 5/8 inch (15.9 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 55%.

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.

VOC Emissions: Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of 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: **Firecode®, fire rated and designed to meet life safety codes.**

ClimaPlus™ 30 year limited system warranty. 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.

Disclaimer: The USG Product Specifications contained herein are intended for use as product reference material by architects, engineers, other design professionals, contractors, building code officials, or other competent construction industry trade professionals having an interest in the selection, specification and use of products manufactured by the subsidiaries of USG Corporation. The Specifications are intended solely as technical support incident to the sale and use of USG products and not intended to be a substitute for the design review and approval of the licensed design professionals for the project. These materials may be printed and/or transferred electronically solely as needed by the user. Because electronic text files can be modified by other parties, without notice or indication of such modifications, modification of USG Product Guide Specifications and Drawings is the sole responsibility of the Design Professional.