SECTION 095123 – USG MARS™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANEL CEILINGS

USG MARS™ HIGH-NRC/HIGH-CAC

* ClimaPlus™ 30 year Warranty Performance.
* Plant based binder.
* Excellent noise reduction & noise isolation. High light reflectance values.
* High Recycled Content.
* Washable and scrubbable finish, Impact and scratch resistant.
* Variety of available & custom color options
* Non directional, monolithic visual reduces installation time /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

|  |
| --- |
| **Sustainability Notes:** (Architecture 2030 Challenge for Products - LEED v4 EPD/LCA improvements) |
| * GreenGuard Gold Certified for Low Emitting Performance
* Meets California Department of Public Health CDPH Standard Method (CA 01350) Low VOC
* High Recycled Content
 |

2.3 ACOUSTICAL PANELS

* + - * 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, “Mars High-NRC/High-CAC with plant based binder”.

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

Type: IV, mineral base with membrane faced overlay

Form: 1 & 2, Nodular and water felted

Pattern: E & G, smooth and light texture

Color: **[Flat White 050] [sea shell 3678] [dawn 3679] [nut brown 3680] [atmosphere 3681] [peat 3682 [shale 3683] [ocean ridge 3684] [laguna 3685] [deep violet 3686] [deep cranberry 3687] [grass 3688] [tangy taleia 3689] [flat black 205] [light brown 3690] [old stone 3690] [deep blue 3692] [deep berry 3693].**

LR: Not less than 0.90. (White)

NRC: Not less than **[0.60] [0.80] [0.85] [0.90]. (White)**

CAC: Not less than **[30]** **[35] [40].**

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

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

Panel Thickness: **[3/4 inch (19 mm)] [7/8 inch (23 mm)] [1 inch (25.4 mm)].**

Modular Size: **[24 by 24 inches (610 by 610 mm)] [24 by 48 inches (610 by 1220 mm)] [30 by 30 inches (762 by 762 mm)] [As indicated on Drawings] [As indicated in a schedule].**

Recycled Content: **[65%] [66%] [70%] [71%]**

High Recycled Content Product: 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: Meets CA Specification 01350, GreenGuard Gold Low VOC

ClimaPlus™ 30 year 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.

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.