

CLEAN ROOM™ CLIMAPLUS™



Clean Room Class 10M-100M Panels with ClimaPlus Performance / DONN Brand DXLA Suspension System

FEATURES AND BENEFITS

- Clean Room™ ClimaPlus™ Class 100 and Class 10M-100M panels have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 or 10M-100M clean rooms.
- Firecode® formulation designed to meet life safety codes.
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C (120°F) and 99% relative humidity without visible sag when used with DONN® Brand suspension system.

APPLICATIONS

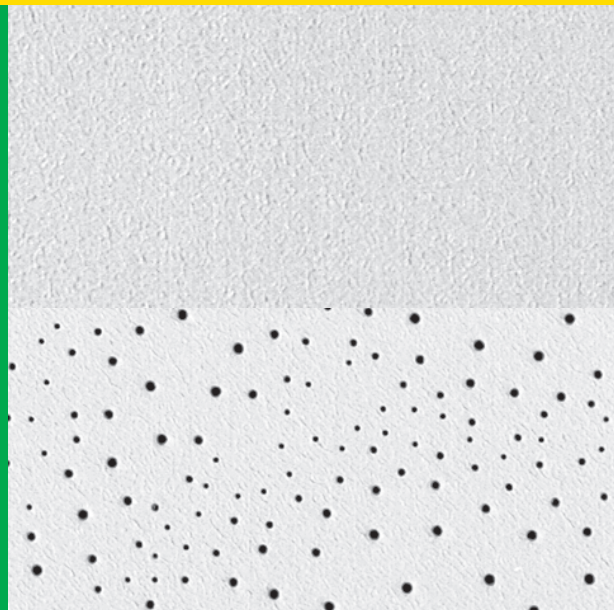
- Clean rooms
- Hospitals
- Surgical areas
- Laboratories
- Kitchens/food preparation areas

SUBSTRATE

- Water-felted mineral fiber

 High Recycled Content

Smooth-textured panel, Class 10M-100M Smooth-textured panel, Class 100



CLEAN ROOM CLIMAPLUS
CLASS 100 PANELS

CLEAN ROOM CLIMAPLUS
CLASS 10M-100M PANELS⁶

Edge ⁴	Panel Size ⁷	Class ⁸	Item No.	NRC	CAC Min.	LR ³	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content ¹
SQ	2' x 2' x 5/8" 600 x 600 x 15mm unperforated		56099 ME56099	-	35	.79	White	A, B, C, D, E	Low		52% HRC
	2' x 4' x 5/8" 600 x 1200 x 15mm unperforated		56091 ME56091	-	35	.79	White	A, B, C, D, E	Low		52% HRC
SQ	2' x 2' x 5/8" 600 x 600 x 15mm perforated		56060 ME56060	.55	35	.79	White	A, B, C, D, E	Low		52% HRC
	2' x 4' x 5/8" 600 x 1200 x 15mm perforated		56090 ME56090	.55	35	.79	White	A, B, C, D, E	Low		52% HRC

LEGEND

Low Emission (VOC Class)

Low-Emitting performance meets CA Specification 01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on CHPS data base for low-emitting materials.

CLIMAPLUS Superior 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

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on panel composition of post-consumer and pre-consumer (post-industrial) recycled content



GRID PROFILE
OPTIONS

A DX ² /DXL™ DXI DXII DXIII	B DXLA™	C ZXLA™	D ⁸ AX™	E CE™ ⁵

PHYSICAL DATA/
FOOTNOTES

ASTM E1264 Classification
Class 100: Type X, Pattern GI
Class 10-100M: Type X, Pattern CGI

ASTM E84 surface burning characteristics
Class A
Flame spread: 25
Smoke developed: 50

Imperial Weight
1.1 lb./ ft² (Class 100™ panel)
1.2 lb./ ft² (Class 10m-100m panels)
Metric Weight
1.1 lb./ ft² (Class 100™ panel)
1.2 lb./ ft² (Class 10m-100m panels)

Thermal Resistance
R-1.60

Backloading
Refer to Installation and Maintenance

Maintenance
Can be cleaned easily with a damp sponge, mild detergent and water. Do not use acetate, ammonia, or highly concentrated chlorine, bromide or other harsh chemicals.

Footnotes

- For details, see LEED report tool at usgdesignstudio.com.
- NRC rating CleanRoom ClimaPlus Class 100 panels is .10. USG does not consider a ceiling panel to be acoustically rated if NRC is less than .50
- LR values are shown as averages.
- Field-cut edges of CleanRoom panels may be sealed with white latex paint.
- Clean-room-rated applications require a suspension system with gasketed tee flanges such as DONN CE.

6. Not intended for kitchen/food prep applications. Use unperforated product (Class100) - Item numbers 56099 and 56091.

7. Not all panel sizes available in all geographic areas.
8. Not all grids shown should be used with the fire resistant panels; for fire rated assemblies, see UL design details.

Short Specification:

- Ceiling system shall comprise USG CleanRoom™ ClimaPlus™ high humidity / fire resistance acoustical ceiling panels in (DONN DX 24mm [15/16"] / DONN CE 38mm [1-1/2"] / DONN DXW 38mm [1-1/2"] / DXLA 24mm [15/16"] / ZXLA 24mm [15/16"] / AX 24mm [15/16"]) exposed grid including wall trim as manufactured by USG Interiors, LLC.
- Panels shall have NRC 0.55 (CleanRoom™ ClimaPlus™ Class 10M-100M perforated)
- Panels shall have CAC 35
- Nominal size (600 x 600mm / 600mm x 1200mm) x 15mm / (2' x 2' / 2' x 4') x 5/8".
- Edge detail shall be Square [SQ].
- Limiting Conditions - Maximum 49°C (120°F) and 99% RH

TRADEMARKS

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SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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Made From Recycled Material

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