

CLIMAPLUS™ PERFORMANCE

Clean Room™ Acoustical Panels

FEATURES AND BENEFITS

- Clean Room™ Class 100 (ISO 5) and Class 10m-100m (ISO 7/8) 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 and 99% relative humidity without visible sag when used with a DONN® Brand suspension system

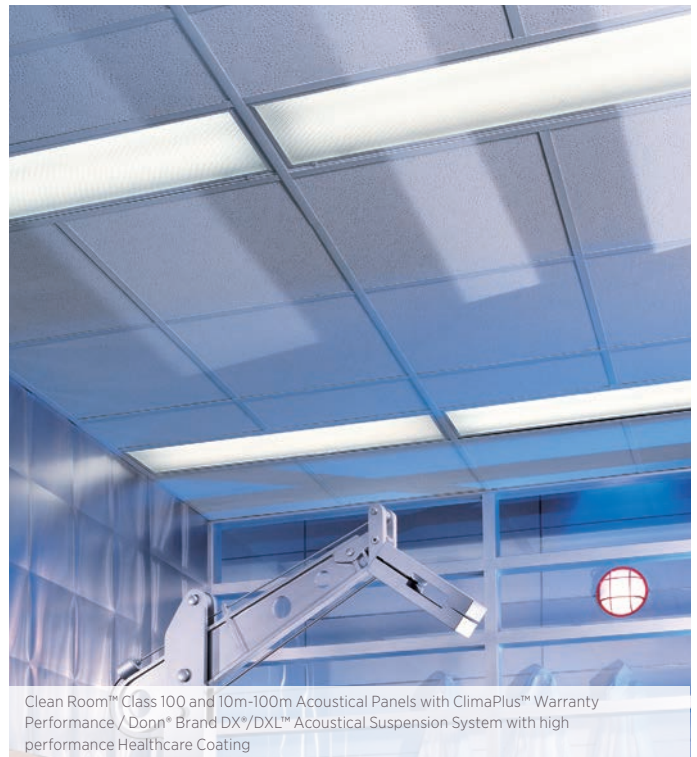
APPLICATIONS

- Clean rooms
- Hospitals
- Surgical areas
- Laboratories
- Kitchens/foodprep areas
(Class 100 only)

SUBSTRATE

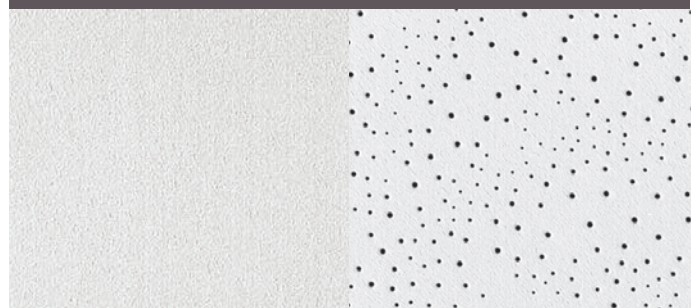
- Wet-formed mineral fibre

 High Recycled Content



Smooth-textured panel, Class 100

Smooth-textured perforated panel,
Class 10m-100m



CLEAN ROOM™ ACOUSTICAL PANELS

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Edge	Panel Size ^{1,2}	Class	Item No.	NRC ³	CAC Min. ³	LR ⁴	Color	Grid Options	VOC Emissions	Recycled Content
CLEAN ROOM CLASS 100 PANELS (ISO 5)	SQ 	600 x 600 x 15mm unperforated	ME56099	-	35	.79	White	A, B,	Low	55%
		600 x 1200 x 15mm unperforated	ME56091	-	35	.79	White	A, B,	Low	55%
CLEAN ROOM CLASS 10m-100m⁵ PANELS (ISO 7/8)	SQ 	600 x 600 x 15mm perforated	ME56060	.55	35	.79	White	A, B,	Low	55%
		600 x 1200 x 15mm perforated	ME56090	.55	35	.79	White	A, B,	Low	55%

LEGEND

Low Emission (VOC)

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.

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.

Firecode®

GRID PROFILE OPTIONS

A DX® / DXL™	B CE™

SHORT SPECIFICATION

- Ceiling system shall comprise CleanRoom™ ClimaPlus™ high humidity / fire resistance acoustical ceiling panels in DONN® DX™ 24mm / DONN CE 38mm / DONN DXW 38mm exposed grid including wall trim as manufactured by USG Boral
- Panels shall have NRC 0.55 (CleanRoom™ ClimaPlus™ Class 10M - 100M (ISO 7/8) perforated)
- Panels shall have CAC 35 minimum
- Nominal size (600 x 600mm / 600mm x 1200mm) x 15mm
- Edge detail shall be Square [SQ]
- Limiting Conditions - Maximum 49°C (120°F) and 99% RH

PHYSICAL DATA/ FOOTNOTES

Weight
5.8 kg/m²

Environmental Limitations
49°C, 99% RH max.

Thermal Resistance
R 0.3 (m²K)/W

Maximum Backloading
0 kg/m²

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Proprietary technology
This product's unique combination of sag resistance and sound performance results from proprietary technology.

Installation
Shall not begin until the building is fully enclosed, watertight, dry, permanent heating and cooling equipment is in operation, residual moisture from wet trades (eg. terrazzo, concrete, plaster) has dissipated, and is free of chemical fumes. Do not mix production lots in the same ceiling area.

Footnotes

1. Not all panel sizes available in all geographic areas
2. Some imperial sizes available to order
3. Acoustic Test Standards NRC to ASTM C423 CAC to ASTM E1414
4. LR values are shown as averages
5. Not intended for kitchen/food-prep applications. Use unperforated product (Class 100 / ISO 5) Item numbers ME56099 and ME56091.

REACTION TO FIRE

Standard	Flame Spread	Smoke Developed
ASTM E84	<25	<50
AS/NZS 3837	Group 1 - sprinklered	
ISO 5660 Parts 1 & 2	Group Number Classification: 1 - S	

SALES ENQUIRIES **1800 226 215 (AU)**

0800 USGBORAL (NZ)



See USGBoral.com for Ceiling Systems warranty.

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