

Clean Room™
 ClimaPlus™



Fine textured panel, Class 100

Fine textured panel, Class 10M-100M

Features and Benefits

- CLEAN ROOM™ CLIMAPLUS™ Class 100 and 10M-100M panels have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 or 10M-100M clean rooms per Federal Standard 209E, "Clean Room and Work Station Requirements Controlled Environment." SHEETROCK Brand Lay-In Ceiling Panels CLIMAPLUS, CLEAN ROOM, have a gypsum core, sealed edges, and vinyl face and back; they meet U. S. Dept. of Agriculture Food Safety Inspection Service requirements for food processing and use in clean room environments up to Class 100.
- FIRECODE™ formulation designed to meet life safety codes.
- CLIMAPLUS™ 15-year System Warranty to withstand conditions up to 104 °F (40 °C)/90% relative humidity without visible sag when used with USG's DONN® Brand Suspension Systems.

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Acoustical Ceilings

Technical Service 800 USG.4YOU
Web Site www.usg.com
Samples/Literature 888 874.2450
Samples/Literature Fax 888 874.2348
Customer Service 800 950.3839
Literature Number SC1811



UL Classified

	Edge	Panel Size	Class	Item No.	NRC ¹	CAC Min.	LR ²	Color	Grid Options	Recycled Content ³	Panel Cost
Class 100 Panels		2' x4' x5/8"		56091	—	35	.79	White	A, B, C, D, E	51%	\$\$
CLEAN ROOM CLIMAPLUS Class 10M-100M Panels	(SQ)	2' x2' x5/8"		56060	.60	35	.79	White	A, B, C, D, E	51%	\$\$
		2' x4' x5/8"		56090	.60	35	.79	White	A, B, C, D, E	51%	\$\$
SHEETROCK® Brand Lay-In Ceiling Panel CLIMAPLUS, CLEAN ROOM	(SQ)	2' x4' x1/2"		3200	—	40 ⁴	.79	White	A, B, C, E	23%	\$
Grid Profile Options ⁵	D AX™										

ASTM E1264 classification

SHEETROCK Brand Lay-in Ceiling Panel, CLEAN ROOM CLIMAPLUS: Type XX, Pattern G
Class 100: Type X, Pattern GI
Class 10-100M: Type X, Pattern CGI

ASTM E84 surface burning characteristics

SHEETROCK Brand Lay-in Ceiling Panel, CLEAN ROOM CLIMAPLUS:
Flame spread: 20
Smoke developed: 5
Class 100 and Class 10M-100M:
Flame spread: 25
Smoke developed: 45

Weight

1.11 lb./ft.² (CLEAN ROOM panels)
2.0 lb./ft.² (SHEETROCK Brand Lay-in Ceiling Panel, CLEAN ROOM CLIMAPLUS panels)

Thermal resistance

R-1.68 for CLEAN ROOM Class 100 and 10M-100M Panels
R-0.44 for SHEETROCK Brand Lay-In Ceiling Panel.

Maximum backloading

See Warranty for details.

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.

Humidity resistance

Tested by 48-hour cycles of 90% and 25% relative humidity repeated continuously for 24 days with no delamination.

Footnotes

1. NRC rating for SHEETROCK Brand Lay-In Ceiling Panel CLIMAPLUS, CLEAN ROOM and CLEAN ROOM CLIMAPLUS Class 100 is .10. USG does not consider a ceiling panel to be acoustically rated if NRC is less than .50
2. LR values are shown as averages.
3. For details, see the Recycled Content selector.
4. Not UL-Classified for acoustics.

5. Field-cut edges of CLEAN ROOM panels must be sealed with white latex paint, shellac, or a mixture of 50% water and 50% water-soluble glue.
6. Clean-room-rated applications require a suspension system with gasketed tee flanges such as DONN CE.

SAFETY FIRST!

Follow good safety practices. Read material safety data sheets and related literature on products before specification and/or installation.