

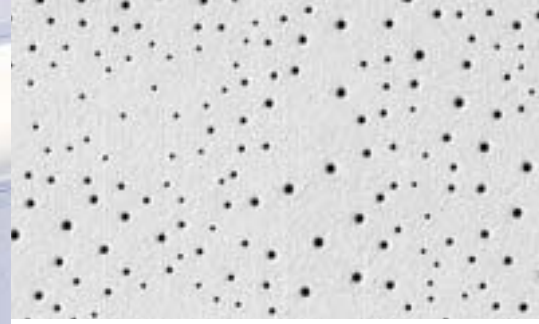


Clean Room™ *ClimaPlus*™

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.

CLEAN ROOM™ Class 10M-100M Panels with *CLIMAPLUS*™ Performance/DONN® Brand DXLA™ Suspension System

Clean Room™ ClimaPlus™

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 |
|--|--------------------------------|------------------------|-------------------|-----------------|----------------------------------|-----------------|-----------------|-------|------------------|-------------------------------|------------|
| CLEAN ROOM™ CLIMAPLUS™ Class 100 Panels | (SQ) | 2' x2' x5/8" | | 56099 | — | 35 | .79 | White | A, B, C, D, E | 51% | \$\$ |
| | | 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% | \$ |
| | A DONN® DX®/ DXL™ | B DONN DXLA® | C ZXLA™ | D AX™ | E DONN CE ⁶ | | | | | | |
| Grid Profile Options⁵ | | | | | | | | | | | |

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.



Manufactured by
USG Interiors, Inc.
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Chicago, IL 60606

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