FROST™ CLIMAPLUS™

RH 99

Frost Panels with ClimaPlus Superior Performance / DONN Fineline 1/8 DXFF Suspension System

Fine-textured panel

FEATURES AND BENEFITS

- Excellent combination of noise reduction (up to NRC-.75) and sound attenuation (up to CAC-40) for use in mixed (open plan/closed plan) office design.
- Zero VOC emissions exceeds CA Specification 01350.
- USDA Certified Biobased Product6.
- High light-reflective finish (up to LR-.89) reduces light fixtures and energy use.
- Damage-resistant panels with integral color help to reduce the overall cost of ownership.
- ClimaPlus™ 30-year lifetime system warranty against visible sag, mold and mildew.

APPLICATIONS

- Healthcare-HIPAA requirements
- Schools - ANSI S12.60 classroom guidelines
- Government projects - ACOE performance requirements
- Mixed office design
- Open or closed plan offices
- Media centers/libraries

SUBSTRATE

- Cast mineral fiber

HRC High Recycled Content

B

USG BORAL
INNOVATION INSPIRED BY YOU.™

Edge	Panel Size [3]	Class	Item No.	NRC	CAC Min.	LR [2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Abuse Resistance	Recycled Content [1]
SLB	2' x 2' x 3/4" 600 x 600 x 19mm Paper-Back	Class A	414 ME414	.70	36	.84	White Standard Advantage	A	Zero	✓	✓	69% HRC
FL	2' x 2' x 3/4" 600 x 600 x 19mm Paper-Back	Class A	418 ME418	.70	38/40	.84	White Standard Advantage	B, C, D, E	Zero	✓	✓	69% HRC
FLB	2' x 2' x 3/4" 600 x 600 x 19mm Paper-Back	Class A	419 ME419	.70	38/40	.84	White Standard Advantage	F, G, H I	Zero	✓	✓	69% HRC
SLB	2' x 2' x 14/16" 600 x 600 x 22mm Paper-Back	Class A	484 ME484	.75	38	.89	White	A	Zero	✓	✓	69% HRC
FL	2' x 2' x 14/16" 600 x 600 x 22mm Paper-Back	Class A	488 ME488	.75	38/40	.89	White	B, C, D, E	Zero	✓	✓	69% HRC
FLB	2' x 2' x 14/16" 600 x 600 x 22mm Paper-Back	Class A	489 ME489	.75	38/40	.89	White	F, G, H, I	Zero	✓	✓	69% HRC
SLB	2' x 2' x 3/4" 600 x 600 x 19mm Paper-Back	Class A	490 ME490	.70	35	.89	White	A	Zero	✓	✓	69% HRC
FLB	2' x 2' x 3/4" 600 x 600 x 19mm Paper-Back	Class A	491 ME491	.70	35	.89	White	F, G, H, I	Zero	✓	✓	69% HRC

LEGEND

Zero Emission (VOC Class)
Zero-emitting performance exceeds CA Specification01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on the CHPS database. USG Certificate of Compliance for Zero VOC Emissions also available on usg.com.

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. Includes sag resistance performance.

High Recycled Content
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.

≥ .70 NRC
≥ .38 CAC
≥ .85 LR

A DX® DXL™	B Centricitee™ DXT	C Fineline® DXF	D Fineline® 1/8 DXFF	E Identitee™ DXI™	F Centricitee™ DXT	G Fineline® DXF	H Fineline® 1/8 DXFF	I Identitee™ DXI™

GRID PROFILE OPTIONS

PHYSICAL DATA/ FOOTNOTES

ASTM E1264 Classification
Type III, Form 4, Pattern E

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

Weight
1.601.85 lbs./sq. ft.

Thermal Resistance
R-1.7

Maximum backloading
Refer to Installation and Maintenance

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

Texture
The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing texture of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

Footnotes
1. For details, see LEED report tool at usgdesignstudio.com.
2. Item Nos. 418, 419, 488 and 489 achieve 40 CAC when installed with Fineline or Fineline 1/8 suspension system.
3. LR values are shown as averages.
4. See Colors selector for more information.
5. Panel face and back surfaces treated with a proprietary, board-spectrum antimicrobial additive that inhibits and retards the growth of mold and mildew. For details, please contact USG boral team.
6. This product has achieved both Bio Preferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.

Short Specification:
- Ceiling system shall comprise USG Frost™ ClimaPlus™ high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] / DONN Omega 15mm [9/16"] / DONN Fineline 15mm [9/16"] / DONN Identitee 15mm [9/16"]) exposed grid including wall trim as manufactured by USG Interiors, LLC.
- Panels shall have NRC 0.70-0.75.
- Panels shall have CAC 38.
- Nominal size (600mm x 600mm) x 19mm / (2' x 2') x 3/4".
- Edge detail shall be (Fineline [FL] / Shadowline [SL]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.