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Year Availability
414, 418, 419, 484, 488, 489

HRC

High Recycled Content



Frost Panels with *ClimaPlus* Superior Performance
DORN FINELINE 1/8 DXFF Suspension System

LEED Credits

Recycled Content: 71%
Rapidly Renewable Materials: 12%
ClimaPlus Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction ¹	Recycled Content	Regional Materials ²	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●	●	●	●	●

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 the most stringent air quality standards
- High light-reflective finish (up to LR-.88) reduces light fixtures and energy use
- Damage-resistant panels with integral color help to reduce the overall cost of ownership
- 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



Fine-textured panel

To order samples, go to usg.com

See individual items for color availability.

Standard Colors

White	Parchment 103	Manila 246	Beige 142	Straw 143	Sandstone 090	Taupe 107
Charcoal 534	Flat Black 205	Silvertone 052	Mist 053			

Advantage Colors

Breeze 2659	Blue Grey 564	Azure 2660	Slate 568	Spruce 567	Tuscany 2663	Sorbet 2658
Squash 2661	Safari 2662	Redwood 566	Sienna 565	Halo 206	Nectar 546	Quartz 082

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Year System Warranty
 – No visible sag
 – Mold/mildew protection

UL Classified

Edge	Panel Size	Class	Item No.	NRC	CAC Min. ³	LR ⁴	Color ⁵	Grid Options	VOC ⁷ Emissions	Anti-Mold & Mildew	Abuse-Resistant	Recycled Content ²	Panel Cost
Frost CLIMAPlus Panels	SLB 	2'x2'x3/4" Paper-Back	Class A 414	.70	36	.83	White Standard Advantage	A	Zero			71% 	\$\$
	SLB 	2'x2'x7/8" Paper-Back	Class A 438	.70	38	.83	White	A	Zero			71% 	\$\$
	FL 	2'x2'x3/4" Paper-Back	Class A 418	.70	38/40	.83	White Standard Advantage	B, C, D, E	Zero			71% 	\$\$
	FLB 	2'x2'x3/4" Paper-Back	Class A 419	.70	38/40	.83	White Standard Advantage	F, G, H, I	Zero			71% 	\$\$
Frost CLIMAPlus High NRC/ High CAC Panels	SLB 	2'x2'x7/8" Paper-Back	Class A 484	.75	38	.88	White	A	Zero			71% 	\$\$
	FL 	2'x2'x7/8" Paper-Back	Class A 488	.75	38/40	.88	White	B, C, D, E	Zero			71% 	\$\$
	FLB 	2'x2'x7/8" Paper-Back	Class A 489	.75	38/40	.88	White	F, G, H, I	Zero			71% 	\$\$
Frost CLIMAPlus High LR	SLB 	2'x2'x3/4" Paper-Back	Class A 490	.70	36	.88	White	A	Zero			71% 	\$\$
	FLB 	2'x2'x3/4" Paper-Back	Class A 491	.70	36	.88	White	F, G, H, I	Zero			71% 	\$\$

Legend

Zero Emissions (VOC Class)

Classified as zero-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.

CLIMAPlus Superior Performance[®]

Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed 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 product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Grid Profile Options

A	B	C	D	E	F	G	H	I
DX [®] /DXL™	CENTRICITEE™ DXT	FINELINE [®] DXF	FINELINE [®] 1/8 DXFF	IDENTITEE™ DXI™	CENTRICITEE™ DXT	FINELINE [®] DXF	FINELINE [®] 1/8 DXFF	IDENTITEE™ DXI™

Physical Data/ Footnotes

Product literature
 Data sheet: SC1968

ASTM E1264 classification
 Type III, Form 4, Pattern E

ASTM E84 surface burning characteristics

Class A
 Flame spread: 25
 Smoke developed: 50

Weight
 1.65-1.76 lb./sq. ft.

Thermal resistance
 R-1.7

Maximum backloading
 See Warranty for details.

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 feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

Footnotes

1. Applies when USG acoustical ceilings recycling program is utilized.
2. For details, see LEED report generator at usgdesignstudio.com.
3. Item Nos. 418, 419, 488 and 489 achieve 40 CAC when installed with FINELINE or FINELINE 1/8 suspension system.
4. LR values are shown as averages.
5. See Colors selector for more information.
6. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew.

For details, see *Ceiling Systems Warranties and Limitations* (SC2102) and *CumaPlus Ceilings Certification of Performance* (SC2451).
 7. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, Inc.

