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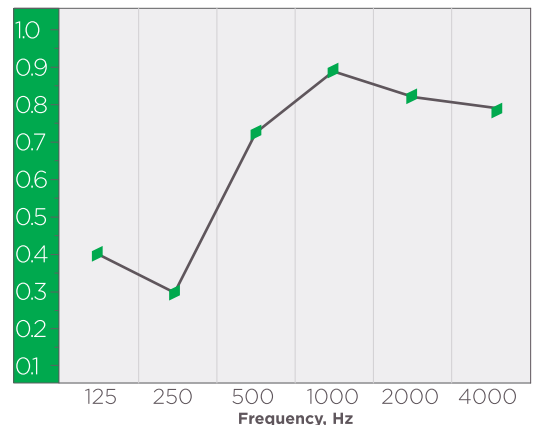
FEATURES & BENEFITS

- Manufactured in CAST process that creates natural, subtle texture variation which is a distinguishing feature of these products
- Delicate surface texture for a soft, light look
- Fine Textured and nearly 2 times more impact-resistant than typical fine-textured ceiling panels (ASTM C367)
- Exclusive Clear and Integral color masks nicks and scratches
- Excellent for critical lighting applications for Frost™ High Light Reflectance (0.89)
- Excellent Combination of High NRC 0.8 (absorption) and High CAC up to 40 (privacy) for use in mixed (open plan/closed plan) office design
- HRC (High Recycled Content) for optimized recycled content formulations to help maximize LEED recycled content contribution
- Available in Reveal Beveled Edge panels, high humidity resistance up to 95%RH and in Fire Code Formulation for life safety and protection of property
- Zero VOC emissions exceeds the most stringent air quality standards
- Paper backing acts as a sound barrier and resists air filtration for cleaner panels

APPLICATIONS

- Healthcare – HIPAA Requirements
- Schools – ANSI S12.60 Classroom guidelines
- Government Projects – ACOE performance requirements
- Open or Closed Plan offices
- Mixed Office Design
- Media Centers/Libraries

Sound Absorption 19 mm



USG FROST ACOUSTICAL CEILING



TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	LR			Recycled Content	VOC Emission	Cost
FL	418 Paper Back	610*610*19	0.7	38	84%			72%	Zero	\$\$\$
SLB	484 Paper Back	610*610*22	0.8	38	89%			72%	Zero	\$\$\$

GRID PROFILE OPTIONS

DX/DXL SLB Edge	DXT FL Edge	DXF FL Edge

SPECIFICATION DETAILS

Frost™ Acoustical Ceiling meets the requirements in accordance with ASTM E1264.

Materials Classification

Type: III,
Form: 4,
Pattern: E

Substrate and Surface Finish

Mineral fiber base produced in Cast technology

Thickness

19mm, 22mm

Size

610 x 610mm

Edge Detail Trim

Reveal [SLB, FL]

Weight

8 kg/m² [Class A],
8.65 kg/m² [Fire Code]

Noise Reduction Coefficient [NRC]

[0.70] [0.80]

Ceiling Attenuation Class [CAC]

[38 dB]

Clean Room Classification as per ISO 14644-1

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Mold Prevention Application as per ASTM D3273

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Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus

Light Reflectance Coefficient [LR]

[0.84] [0.89]

Color

White similar to RAL 9016

Surface Burning Characteristics as per ASTM E84

Class A, Flame Spread:25, Smoke development:50

Fire Rating as per ASTM E119

2hrs Time-Rated Assembly [G228]

Thermal Resistance

R 1.7 [Class A], R 1.1 [Fire Code]

Washability / Scrubbability as per ASTM D4828 & D2486

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VOC Class

Zero emission per CHPS collaborative for High- Performance Schools

Relevant LEED Credit

EA Credit 1 | MR Credit 4 | MR Credit 5 | MR Credit 6 | IEQ Credit 3 | IEQ Credit 3.2 | IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

Notice:

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