

LOUNA™ HI CAC



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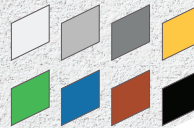
FEATURES & BENEFITS

- Specifically engineered when high acoustic performance is required and satisfying high frequency performance criteria.
- Soft Fiber substrate and Wet Felted Mineral Fiber Substrate finished with Painted Fiber Glass scrim and sealed edge
- Exceptional Sound Absorption with NRC values up to 0.9 and CAC to 42dB
- Impact & Scratch Resistant finish scrim
- Available in Plank Sizes compatible with Logix Integrated Ceiling System

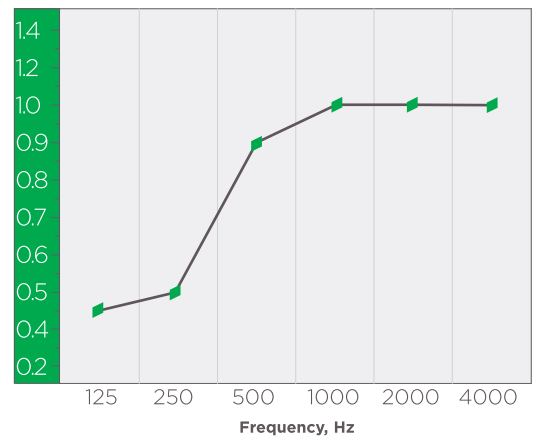
APPLICATIONS

- Open-plan Areas
- Offices with indirect lighting
- Media Rooms
- Receptions & Lobby Areas & corridors
- Convention halls and concourses
- Restaurants
- Bowling Alleys

LOUNA™ COLORS



Sound Absorption 43 mm



USG LOUNA™ HI CAC ACOUSTICAL CEILING



TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	LR			Recycled Content	VOC Emission	Cost
	LC6640-MF	600*600*40	0.85	40	88%			40%	N/A	\$\$\$\$\$
	LC2240-MF	610*610*40								
	LC6240-MF	600*1200*40	0.85	40	88%			40%	N/A	\$\$\$\$\$
	LC2440-MF	610*1220*40								
	LCX6643-MF	600*600*43	0.85	42	88%			40%	N/A	\$\$\$\$\$
	LCX2243-MF	610*610*43								
	LCX6243-MF	600*1200*43	0.85	42	88%			40%	N/A	\$\$\$\$\$
	LCX2443-MF	610*1220*43								
	LCX6253-MF	600*600*53	0.9	41	88%			40%	N/A	\$\$\$\$\$
	LCX2453-MF	610*610*53								
	LCX6253-MF	600*1200*53	0.9	41	88%			40%	N/A	\$\$\$\$\$
	LCX2453-MF	610*1220*53								
	LCRF6640-MF	600*600*40	0.85	40	88%			40%	N/A	\$\$\$\$\$
	LCRF2240-MF	610*610*40								
	LCRF6240-MF	600*1200*40	0.85	40	88%			40%	N/A	\$\$\$\$\$
	LCRF2440-MF	610*1220*40								
	LCXRF6643-MF	600*600*43	0.85	42	88%			40%	N/A	\$\$\$\$\$
	LCXRF2243-MF	610*1220*43								
	LCXRF6243-MF	600*1200*43	0.85	42	88%			40%	N/A	\$\$\$\$\$
	LCXRF2443-MF	610*1220*43								
	LCXXRF6253-MF	600*600*53	0.9	41	88%			40%	N/A	\$\$\$\$\$
	LCXXRF2453-MF	610*1220*53								
	LCXXRF6653-MF	600*1200*53	0.9	41	88%			40%	N/A	\$\$\$\$\$
	LCXXRF2253-MF	610*1220*53								

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge	DXT FL Edge	DXF FL Edge

SPECIFICATION DETAILS

<p>Louna™ Hi CAC Acoustical Ceiling meets the requirements in accordance with ASTM E1264.</p> <p>Materials Classification Type: XX, Form: 2, Pattern: G</p> <p>Substrate and Surface Finish Mineral Wool substrate finished with painted fiberglass scrim</p> <p>Thickness 40mm, 43mm, 53mm</p> <p>Size 600 x 600mm, 610 x 610mm, 600 x 1200mm, 610 x 1220mm</p> <p>Edge Detail Trim Square Encapsulated [SQE], Reveal Encapsulated [FLE]</p>	<p>Weight 40mm [5.65 kg/m²], 43mm [8.85 kg/m²], 53mm [12 kg/m²].</p> <p>Noise Reduction Coefficient [NRC] [0.85] [0.9]</p> <p>Ceiling Attenuation Class [CAC] [40 dB] [41 dB] [42dB]</p> <p>Mold Prevention Application as per ASTM D3273 Mineral Wool substrate is inherently resistant to the growth of mold and mildew</p> <p>Humidity Resistance Maximum 99% RH / 40°C</p> <p>Light Reflectance Coefficient [LR] 0.88</p> <p>Color Standard White similar to RAL 9016. Other colors are available upon request</p> <p>Surface Burning Characteristics as per ASTM E84 Class A, Flame Spread: 10, Smoke development: 10</p>	<p>Thermal Resistance 43mm [0.977 m² °K/W - R 5.5], 50mm [1.176 m² °K/W - R 6.6].</p> <p>Washability / Scrubbability as per ASTM D4828 & D2486 Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request</p> <p>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</p>
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