



FEATURES & BENEFITS

- Stone Wool substrate with stylish monolithic white surface and high performance mineral fleece membrane on the backside.
- Exceptional sound absorption with NRC values up to 1.0.
- Sanded surface finish with high light reflectance (LR-0.88) reduces wear and tear on light fixtures and energy use.
- Moisture resistance to withstand severe conditions when used with DONN® brand suspension system.
- Eco-friendly mineral wool product made from natural stone.
- Washable & scrubbable finish.

APPLICATIONS

- Open-plan offices
- Offices with indirect lighting
- Restaurants and cafes
- Media room
- Conference facilities
- Reception areas
- Libraries

VISIT [USGME.COM](https://usgme.com) TO ORDER SAMPLES

FINISH OPTIONS



White

	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
Absorption Coefficient	19mm	0.60	0.95	0.85	0.95	1.0	1.0	0.95
	25mm	0.60	1.0	0.90	1.0	1.0	1.0	1.0

*Calculated to ASTM C 423-01

LOUNA™ ELITE



EN 13964 : 2014 + A1 : 2007



PRODUCT
CERTIFIED
FOR
ENVIRONMENTAL
PRODUCT
DECLARATION



HIGH SOUND
ABSORPTION



CEILING
ATTENUATION
CLASS



FIRECODE

TABLE OF
PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold /Mildew & Sag Resistance	Fire Rating*	Recycled Content	VOC Emission	Cost
	LEC669	600*600*19	0.95	25	88%		Class A	47%	N/A	\$\$\$
	LEC229	610*610*19								
	LEC629	600*1200*19	0.95	25	88%		Class A	47%	N/A	\$\$\$
	LEC249	610*1220*19								
	LEC6625	600*600*25	1.0	26	88%		Class A	47%	N/A	\$\$\$\$
	LEC2225	610*610*25								
	LEC6225	600*1200*25	1.0	26	88%		Class A	47%	N/A	\$\$\$\$
	LECR669	600*600*19	0.90	27	88%		Class A	47%	N/A	\$\$\$\$
	LECR229	610*610*19								
	LECR629	600*1200*19	0.90	27	88%		Class A	47%	N/A	\$\$\$\$
	LECR249	610*1220*19								
	LECR6625	600*600*25	0.95	28	88%		Class A	47%	N/A	\$\$\$\$
	LECR2225	610*610*25								
	LECR6225	600*1200*25	0.95	28	88%		Class A	47%	N/A	\$\$\$\$
	LECRF669	600*600*19	0.90	27	88%		Class A	47%	N/A	\$\$\$\$
	LECRF229	610*610*19								
	LECRF629	600*1200*19	0.90	27	88%		Class A	47%	N/A	\$\$\$\$
	LECRF249	610*1220*19								
	LECRF6625	600*600*25	0.95	28	88%		Class A	47%	N/A	\$\$\$\$
	LECRF2225	610*610*25								
	LECRF6225	600*1200*25	0.95	28	88%		Class A	47%	N/A	\$\$\$\$
	LECRF2425	610*1220*25								

* To ASTM E84

GRID PROFILE
OPTIONS

DX/DXL SQ Edge	DXLT SQ Edge	DX/DXL SL Edge	DXT FL Edge	DXF FL Edge	DXI FL Edge

SPECIFICATION
DETAILS

Louna™ Elite Acoustical Ceiling meets specifications in accordance with ASTM E1264.

Materials Classification

Type: XX,
Pattern: E, G

Substrate and Surface Finish

Stone Wool substrate finished with factory applied painted fiberglass scrim and back fiberglass tissue

Thickness

19mm, 25mm

Size

600 x 600mm, 610 x 610mm,
600 x 1200mm, 610 x 1220mm

Edge Detail Trim

Square, Reveal [SL, FL]

Weight

Square:

19mm: 2.28 kg/m²
25mm: 3 kg/m²

Reveal [SL, FL]:

19mm: 2.85 kg/m²
25mm: 3.75 kg/m²

Noise Reduction Coefficient [NRC]

[0.90] [0.95] [1.0]

Ceiling Attenuation Class [CAC]

[25 - 28 dB]

Mold Prevention Application as per ASTM D3273

Rate 10

Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus™

Light Reflectance Coefficient [LR]

0.88

Color

Standard White similar to RAL 9016.
Other colors are available upon request

Surface Burning Characteristics as per ASTM E84

Class A

EN 13501-1 Class of Reaction to Fire Performance

A1

Thermal Conductivity

λ = 0.036 W/m²K

Washability / Scrubbability as per ASTM D4828 & D2486

Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

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

Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website usgme.com for the most up-to-date and accurate product information.

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