

# LOUNA™ ELITE



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### FINISH OPTIONS



White



### 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

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

\*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
SQ 	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	\$\$\$\$
LEC2425	610*1220*25									
SL 	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	\$\$\$\$
LECR2425	610*1220*25									
FL 	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/m<sup>2</sup>  
25mm: 3 kg/m<sup>2</sup>

Reveal [SL, FL]:  
19mm: 2.85 kg/m<sup>2</sup>  
25mm: 3.75 kg/m<sup>2</sup>

**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

### Thermal Conductivity

λ = 0.036 W/m<sup>2</sup>K

**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

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