LOUNA™ NATURAL



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FINISH OPTIONS



FEATURES & BENEFITS

- Specially engineered for cost-effective commercial projects that require improved sound absorption and a quality aesthetic look.
- Stone Wool substrate with monolithic white surface and mineral fleece membrane on the backside.
- High sound absorption with NRC values up to 0.95.
- High light reflectance (LR-0.88) reduces wear and tear on light fixtures and energy use.
- Moisture resistant to with stand severe conditions when used with ${\rm DONN}^{\circ}$ brand suspension system.
- Eco-friendly mineral wool product made from natural stone.
- · Washable & scrubbable finish.

APPLICATIONS

- Commercial offices
- · Warehouses and parking lots
- Offices with indirect lighting
- Restaurants and cafes
- Schools
- · Reception areas
- Libraries

	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
ption cient	15mm	0.60	0.85	0.80	0.95	1.0	1.0	0.90
	19mm	0.60	0.90	0.85	1.0	1.0	1.0	0.95
Absol								

*Calculated to ASTM C 423-01



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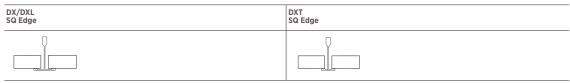


TABLE OF PERFORMANCE

Edge Detail*	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold /Mildew & Sag Resistance	Fire Rating**	Recycled Content	VOC Emission	Cost
			NRC	CAC	Ø	O	0	Ø.	>	\$
SQ	LNC665 LNC225	600*600*15 610*610*15	0.90	-	88%	O	Class A	47%	N/A	\$\$
	LNC625 LNC245	600*1200*15 610*1220*15	0.90	-	88%	Ø	Class A	47%	N/A	\$\$
	LNC669 LNC229	600*600*19 610*610*19	0.95	25	88%	Ø	Class A	47%	N/A	\$\$
	LNC629 LNC249	600*1200*19 610*1220*19	0.95	25	88%	Ø	Class A	47%	N/A	\$\$

^{*} Other edge details are available upon request and subject to minimum order quantity

GRID PROFILE OPTIONS



SPECIFICATION DETAILS

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

Materials Classification

Type: XX, Pattern: G

Substrate and Surface Finish

Stone Wool substrate laminated with prepainted fiberglass scrim and back fiberglass tissue

Thickness

15mm, 19mm

Size

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

Edge Detail Trim

Standard, Square.

Other edges are available upon request

Weight

15mm: 1.8 kg/m² 19mm: 2.28 kg/m²

Noise Reduction Coefficient [NRC]

[0.90] [0.95]

Ceiling Attenuation Class [CAC]

[25 dB]

Mold Prevention Application as per ASTM D3273

Rate 10

Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus $^{\text{TM}}$

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°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 | EQ Credit 3 | IEQ Credit 3.2 | IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

Notice:

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^{**} To ASTM E84