

LOUNA™ NATURAL



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FINISH OPTIONS



White



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 withstand severe conditions when used with DONN® 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*
Absorption Coefficient	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

*Calculated to ASTM C 423-01

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PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION



HIGH SOUND ABSORPTION



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 	LNC665	600*600*15	0.90	-	88%		Class A	47%	N/A	\$\$
	LNC225	610*610*15								
	LNC625	600*1200*15	0.90	-	88%		Class A	47%	N/A	\$\$
	LNC245	610*1220*15								
	LNC669	600*600*19	0.95	25	88%		Class A	47%	N/A	\$\$
	LNC229	610*610*19								
	LNC629	600*1200*19	0.95	25	88%		Class A	47%	N/A	\$\$
	LNC249	610*1220*19								

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

** To ASTM E84

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge

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 pre-painted 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™

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

$\lambda = 0.036 \text{ W/m}^2\text{K}$

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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