

SOFT FIBER LOUNA™ NATURAL



LOUNA™ NATURAL



FEATURES AND BENEFITS

- Specially engineered for cost-effective commercial projects that require improved sound absorption and a quality look.
- Stonewool 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.
- Certificated for Environmental Product Declaration (EPD) as per ISO 14025.
- 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

AVAILABLE COLOR



White

ABSORPTION COEFFICIENT

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
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



TABLE OF PERFORMANCE

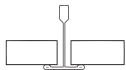
Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold / Mildew & Sag Resistance	Fire Rating*	Recycled Content	VOC Emission	Cost
SQ 	LNC665	600*600*15	0.90	-	88%		Class A	47%	N/A	\$
	LNC225	610*610*15								
	LNC625	600*1200*15	0.90	-	88%		Class A	47%	N/A	\$
	LNC245	610*1220*15								
	LNC669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

Low Emissions (VOC)

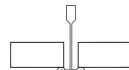
Third party (GREENGUARD & GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. UL. Tests are available on usgme.com and at spot.ul.com

GRID PROFILE OPTIONS

DX/DXL
SQ Edge



DXLT
SQ Edge



SPECIFICATIONS DETAILS

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

Materials Classification

Type: XX, Pattern: G

Substrate and Surface Finish

Stonewool 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: 1.55 kg/m²

19mm: 2 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: Resistant to mold growth

Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus™

Light Reflectance Coefficient [LR]

0.88

Color

Standard White.

VOC Class

Greenguard & Greenguard Gold

Surface Burning Characteristics as per ASTM E84

Class A

EN 13501-1 Class of Reaction to Fire Performance

A1

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