

# 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

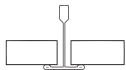
Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold / Mildew & Sag Resistance	Fire Rating*	Recycled Content	VOC Emission	Cost
SQ 	LNC665	600*600*15	0.90	-	88%		Class A	47%	N/A	\$
	LNC225	610*610*15								
	LNC625	600*1200*15	0.90	-	88%		Class A	47%	N/A	\$
	LNC245	610*1220*15								
	LNC669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

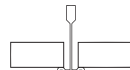
Third party (GREENGUARD & GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. UL. Tests are available on [usgme.com](http://usgme.com) and at [spot.ul.com](http://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 A, Form A2.3, 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/m<sup>2</sup>

19mm: 2 kg/m<sup>2</sup>

### 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

### 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](http://usgme.com) for the most up-to-date and accurate product information.

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