

SOFT FIBER LOUNA™ ELITE



EN 13964 : 2014 + A1 : 2007



PRODUCT
CERTIFIED
FOR
ENVIRONMENTAL
PRODUCT
DECLARATION



PRODUCT
CERTIFIED
FOR LOW VOC
EMISSIONS



PRODUCT
CERTIFIED
FOR LOW VOC
EMISSIONS



HIGH SOUND
ABSORPTION



CEILING
ATTENUATION
CLASS



FIRECODE

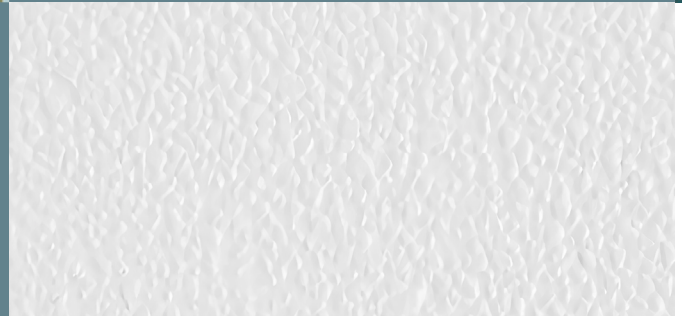
LOUNA™ ELITE

FEATURES AND BENEFITS

- Stonewool substrate has a stylish monolithic white surface and a high-performance mineral fleece membrane on the backside.
- Exceptional sound absorption with NRC values up to 0.95.
- Sanded surface finish with 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 resistance to withstand severe conditions when used with the DONN® brand suspension system.
- Eco-friendly mineral wool products 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



AVAILABLE COLOR



White

ABSORPTION COEFFICIENT

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
15mm	0.55	0.80	0.75	0.90	1.0	1.0	0.85
19mm	0.60	0.95	0.85	0.95	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 	LEC665	600*600*15	0.85	23	88%		Class A	47%	N/A	\$\$\$
	LEC225	610*610*15								
	LEC625	600*1200*15	0.85	23	88%		Class A	47%	N/A	\$\$\$
	LEC245	610*1220*15								
	LEC669	600*600*19	0.95	25	88%		Class A	47%	N/A	\$\$\$\$
	LEC229	610*610*19								
SL 	LECR665	600*600*15	0.80	23	88%		Class A	47%	N/A	\$\$\$\$
	LECR225	610*610*15								
	LECR625	600*1200*15	0.80	23	88%		Class A	47%	N/A	\$\$\$\$
	LECR245	610*1220*15								
	LECR669	600*600*19	0.95	25	88%		Class A	47%	N/A	\$\$\$\$
	LECR229	610*610*19								
FL 	LECRF665	600*600*15	0.80	23	88%		Class A	47%	N/A	\$\$\$\$
	LECRF225	610*610*15								
	LECRF625	600*1200*15	0.80	23	88%		Class A	47%	N/A	\$\$\$\$
	LECRF245	610*1220*15								
	LECRF669	600*600*19	0.95	25	88%		Class A	47%	N/A	\$\$\$\$
	LECRF229	610*610*19								
	LECRF629	600*1200*19	0.95	25	88%		Class A	47%	N/A	\$\$\$\$
	LECRF249	610*1220*19								

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXLT SQ Edge	DX/DXL SL Edge	DXT FL Edge	DXF FL Edge	DXI FL Edge

SPECIFICATIONS DETAILS

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

Materials Classification

Type A, Form A2.3, Pattern G

Substrate and Surface Finish

Stonewool substrate finished with factory applied 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

Square, Reveal [SL, FL]

Weight

Square:

15mm: 1.55 kg/m²

19mm: 2 kg/m²

Reveal [SL, FL]:

15mm: 2.15 kg/m²

19mm: 2.75 kg/m²

Color

Standard White.

Noise Reduction Coefficient

[NRC]

[0.80] [0.85] [0.95]

Ceiling Attenuation Class [CAC]

[23 - 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

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

λ = 0.036 W/m²K

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 for the most up-to-date and accurate product information.

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