



VISIT [USGME.COM](https://usgme.com) TO ORDER SAMPLES

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

LOUNA™ NATURAL



EN 13964 - 2014 + A1 - 2007



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
	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 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]

α_w

15mm [0.90]
19mm [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

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.

©2023 Factory of USG
Middle East LTD. Co.
All rights reserved.