


HIGH NRC MINERAL FIBER AURATONE DESIGNER SERIES

CE
EN 13964 : 2014 + A1 : 2007
GREENGUARD
PRODUCT CERTIFIED FOR LOW VOC EMISSIONS
GREENGUARD GOLD
PRODUCT CERTIFIED FOR LOW VOC EMISSIONS
High Sound Absorption
Ceiling Attenuation Class

AURATONE DESIGNER SERIES



FEATURES AND BENEFITS

- Shallow geometric square face masks the grid for a uniform look to make it appear as part of the overall ceiling design.
- 360° non-directional pattern with a fresh, clean appearance offers fast, cost-effective installation
- Face scores create an illusion of a smaller-scaled ceiling system.
- Available in 4 different face styles ranging from smooth to textured.
- Low to mid-range sound attenuation. Ideal for general commercial construction.
- Fire-resistant system options for life safety & protection of property.
- Easy to trim and install.

APPLICATIONS

- Reception
- Shopping centers
- Waiting rooms
- Cafe and restaurants
- General offices
- Luxury retail stores

ABSORPTION COEFFICIENT							
Frequency, Hz	125	250	500	1000	2000	4000	NRC*
19mm QCFSR	0.45	0.40	0.50	0.70	0.70	0.60	0.60
19mm QTPSR	0.35	0.40	0.65	0.85	0.85	0.70	0.70
19mm QOLPCR	0.30	0.45	0.70	0.70	0.70	0.60	0.65
19mm QRDSR	0.35	0.40	0.50	0.65	0.80	0.90	0.60

* Calculated to ASTM C 423-01



TABLE OF PERFORMANCE

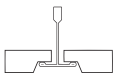
Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
	QCFSR669	600*600*19	0.60	35	82%			25%	Low	\$\$\$
	QCFSR229	610*610*19								
	QTPSR669	600*600*19	0.70	35	84%			25%	Low	\$\$\$
	QTPSR229	610*610*19								
	QTCR669	600*600*19	0.15	35	84%			32%	Low	\$\$\$\$
	QTCR229	610*610*19								
	QTCR669 (36/15)	600*600*19	0.15	37	84%			32%	Low	\$\$\$\$
	QTCR229 (36/15)	610*610*19								
	QOLPCR669	600*600*19	0.65	37	85%			32%	Low	\$\$\$\$
	QOLPCR229	610*610*19								
	QRDSR669	600*600*19	0.60	35	83%			32%	Low	\$\$\$
	QRDSR229	610*610*19								
QRDCR669	600*600*19	0.60	35	83%			32%	Low	\$\$\$\$	
QRDCR229	610*610*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
SLT Edge



SPECIFICATIONS DETAILS

Auratone Designer Series Acoustical Ceiling meets specifications in accordance with ASTM E1264 and EN13964.

Materials Classification

Type A,
Form A1.2,
Pattern C, D, E, G, K

Substrate and Surface Finish

Mineral fiber substrate finished with factory-applied water-based paint

Thickness

19mm

Size

600 x 600mm, 610 x 610mm

Edge Detail Trim

Reveal [SLT]

Weight

19mm [4.5 kg/m, Regular/ClimaPlus™]

Noise Reduction Coefficient

[NRC]

[0.15] [0.60] [0.65] [0.70]

Ceiling Attenuation Class [CAC]

[35 - 37 dB]

Mold Prevention Application as per ASTM D3273

Rate 10: Resistant to mold growth. Panels are available upon request

Humidity Resistance

Maximum 90% RH / 30°C for ClimaPlus™

Light Reflectance Coefficient

[LR]

[0.83 - 0.85]

Color

Standard White

Surface Burning Characteristics as per ASTM E84

Class A

Reaction to Fire as per EN 13501-1

Euroclass A2-s1, d0

Fire Rating as per BS 476

(Firechief™ Option)

1hr Time-rated assembly

Thermal Conductivity

$\lambda = 0.057 \text{ W/m}^2\text{K}$

VOC Class

Greenguard & Greenguard Gold

Formaldehyde Classification

Class E1 as per EN717-1

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.