SONATA HEALTHCARE



- Balanced Acoustics. High-NRC and High-CAC that provides balance to room acoustics and sound attenuation.
- Excellent combination of noise reduction (up to NRC-0.80) and sound attenuation (up to CAC-40).
- Sonata Healthcare fulfills the formaldehyde emissions in accordance with EN 717-1 and achieve Class E1.
- High Impact and scratch resistance, durable and cleanable surface.
- Rated as Class 10 for mold prevention application as per ASTM D3273.

APPLICATIONS AS PER 2018 FGI GUIDELINES

- Central sterile supply
- Class 1 MRI and imaging rooms Laundry areas
- Class 2 MRI & imaging rooms Nurse's stations
- Clean corridors
- Corridors
- Decontamination rooms
- Endoscope processing rooms
- Laboratories

- Patient rooms
- Pharmacies
- · Treatment and procedure rooms

	Frequency, Hz	125	250	500	1000	2000	4000	NRC*		
cient	19mm	0.40	0.40	0.65	0.95	1.0	1.0	0.75		
5 E	22mm	0.45	0.45	0.75	0.95	1.0	1.0	0.80		
ő										

*Calculated to ASTM C 423-01



SONATA HEALTHCARE



PERFORMANCE



















ULTEW/AND	Sub									
Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
			NRC	CAC	Ø		6	Ø.	5	5
SQ	SC669HC SC229HC	600*600*19 610*610*19	0.75	37	89%	0		83%	Low	\$\$\$\$
	SC629HC SC249HC	600*1200*19 610*1220*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SC6622HC SC2222HC	600*600*22 610*610*22	0.80	40	89%	Ø		83%	Low	\$\$\$\$\$
SLT	SCR669HC SCR229HC	600*600*19 610*610*19	0.75	37	89%			83%	Low	\$\$\$\$
	SCR629HC SCR249HC	600*1200*19 610*1220*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SCR6622HC SCR2222HC	600*600*22 610*610*22	0.80	40	89%	Ø		83%	Low	\$\$\$\$\$
FLB	SCRF669HC SCRF229HC	600*600*19 610*610*19	0.75	37	89%			83%	Low	\$\$\$\$
	SCRF629HC SCRF249HC	600*1200*19 610*1220*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SCRF6622HC SCRF2222HC	600*600*22 610*610*22	0.80	40	89%	Ø		83%	Low	\$\$\$\$\$



Low Emissions (VOC)

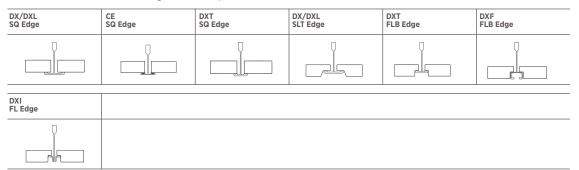
Third party (GREENGUARD Gold) certified for low-emitting performance. meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.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



High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

GRID PROFILE OPTIONS



SPECIFICATION DETAILS

Sonata Healthcare Acoustical Ceiling meets specifications in accordance with ASTM E1264 and EN13964

Materials Classification

Type: IV, Form: 2,

Pattern: E, G

Substrate and Surface Finish

Mineral fiber substrate laminated with fiberglass membrane and finished with factory-applied latex paint and water repellent membrane

Water Absorbance

Repellency membrane that resists mild water drippage for up to 2 hrs.

Thickness

19mm, 22mm

600 x 600mm, 610 x 610mm, 600 x 1200mm, 610 x 1220mm

Edge Detail Trim

Square, Reveal [SLT, FLB]

Weight

19mm [4.75 kg/m²] 22mm [5.5 kg/m²]

Noise Reduction Coefficient [NRC] [0.75] [0.80]

Ceiling Attenuation Class [CAC] [37 - 40 dB]

Clean Room Classification as per ISO 14644-1

ISO 4

Mold Prevention Application as per ASTM D3273

Rate 10

Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus™

Light Reflectance Coefficient [LR] 0.89

Color

White similar to RAL 9016

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 ASTM E119

2hrs Time-Rated Assembly [J201]

Thermal Conductivity

 $\lambda = 0.05 \text{ W/m}^{\circ}\text{K}$

Washability / Scrubbability as per ASTM D4828 &

Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

VOC Class

Greenquard Gold

Formaldehyde Classification

Class E1 as per EN717-1

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



As we are involved in

development; this document

change without prior notice.

information is subject to

Please always refer to usgme.com for the updated

products information

document.

constant products

Notice:

