# **SONATA**



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### **FEATURES & BENEFITS**

- Balanced Acoustics. High-NRC and High-CAC, providing 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 fulfills the formaldehyde emissions in accordance with EN 717-1 and achieve Class E1.
- Fine, monolithic texture offers the industry's highest light reflectance at LR 0.89. Reduces light fixture and energy usage and is part of indirect lighting.
- High impact and scratch-resistant; durable and cleanable surface.
- Rated as Class 10 for mold prevention application as per ASTM D3273
- Available in plank size, FLB edges compatible with Logix<sup>™</sup> integrated ceiling system.
- Available in custom sizes and different colors on request.

# **APPLICATIONS**

- Executive offices
- Conference rooms
- Reception areas
- Lobbies
- Classrooms
- Corridors
- Restaurants
- Entertainment & gaming centers
- Nurseries

	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
Absorption Coefficient	19mm	0.40	0.40	0.65	0.95	1.0	1.0	0.75
ffici	22mm	0.45	0.45	0.75	0.95	1.0	1.0	0.80
Coe								

\*Calculated to ASTM C 423-01



# **SONATA**

























Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
			NRC	CAC	Ø	Ø	Ø	4	5	\$
SQ	SC669 SC229	600*600*19 610*610*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SC629 SC249	600*1200*19 610*1220*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SC6622 SC2222	600*600*22 610*610*22	0.80	40	89%	Ø		83%	Low	\$\$\$\$\$
	SC6222 SC2422	600*1200*22 610*1220*22	0.80	40	89%	Ø		83%	Low	\$\$\$\$\$
SLT	SCR669 SCR229	600*600*19 610*610*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SCR629 SCR249	600*1200*19 610*1220*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SCR6622 SCR2222	600*600*22 610*610*22	0.80	40	89%	Ø		83%	Low	\$\$\$\$\$
FLB	SCRF669 SCRF229	600*600*19 610*610*19	0.75	37	89%			83%	Low	\$\$\$\$
	SCRF629 SCRF249	600*1200*19 610*1220*19	0.75	37	89%	Ø		83%	Low	\$\$\$\$
	SCRF6622 SCRF2222	600*600*22 610*610*22	0.80	40	89%	Ø		83%	Low	\$\$\$\$\$
BESK	SCFC669	600*600*19	0.75	40	89%			83%	Low	\$\$\$\$\$
D-BESK	SCRFDC669	600*600*19	0.75	40	89%	Ø		83%	Low	\$\$\$\$\$

# Low Emissions (VOC)

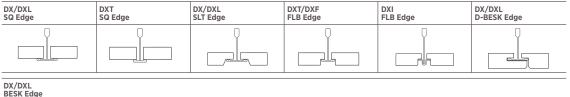
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.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

# Thickness

19mm 22mm

### Size

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

# **Edge Detail Trim**

Square, Reveal [SLT, FLB], Concealed [BESK, D-BESK]

## Weight

19mm [4.75 kg/m<sup>2</sup>] 22mm [5.5 kg/m<sup>2</sup>]

# Noise Reduction Coefficient [NRC]

[0.75] [0.80]

# Ceiling Attenuation Class [CAC]

[37 - 40 dB]

## 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 & D2486

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

# **VOC Class**

Greenguard 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

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