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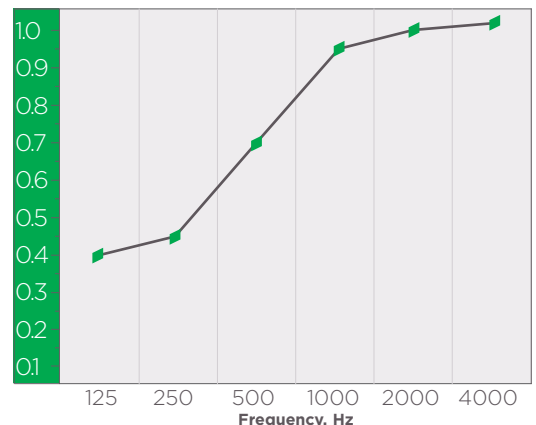
## FEATURES & BENEFITS

- Sonata healthcare in normal condition face and back is ISO 4 according to the norm ISO 14644-1 : 2015
- Vibrations face and back is ISO 4 according to the norm ISO 14644-1 : 2015
- The microbiological class according to the norm NF S 90-351 : 2013 is as following: M100 / area 2 (Acinobacter baumannii), M1 / area 4 (Staphylococcus aureus MRSA, Bacillus cereus, Streptococcus pneumoniae, Escherichia coli, Candida albicans), <1 / area 2,3,4 (Aspergillus brasiliensis)
- Recommended to be used with AXCE grid (gasketed tee flanges) for hospitals restricted and semi restricted areas
- Fine, monolithic texture Industry's highest light reflectance LR 0.89 reduces light fixtures and energy use is part of Indirect lighting
- Water repellent membrane on both top and back surfaces
- High Impact and scratch resistance, durable and cleanable surface
- Available in High NRC formulation and in optimized recycled content formulations to help maximize LEED recycled content contribution
- Washable and scrubbable finish

## APPLICATIONS AS PER 2018 FGI GUIDELINES

- |                               |                             |
|-------------------------------|-----------------------------|
| • Central Sterile Supply      | • Food Storage              |
| • Class 1 MRI & Imaging Rooms | • Laboratories              |
| • Class 2 MRI & Imaging Rooms | • Laundry Areas             |
| • Clean Corridors             | • Nurse's Stations          |
| • Corridors                   | • Patient Rooms             |
| • Decontamination Rooms       | • Pharmacies                |
| • Endoscope Processing Rooms  | • Treatment/Procedure Rooms |
| • Food Preparation            | • Ware Washing              |

Sound Absorption 22 mm



# USG SONATA HEALTHCARE ACOUSTICAL CEILING



## TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	LR			Recycled Content	VOC Emission	Cost
	SC669HC	600*600*19	0.75	37	89%			83%	Low	\$\$\$\$
	SC229HC	610*610*19								
	SC629HC	600*1200*19	0.75	37	89%			83%	Low	\$\$\$\$
	SC249HC	610*1220*19								
	SC6622HC	600*600*22	0.8	40	89%			83%	Low	\$\$\$\$
	SCR669HC	600*600*19	0.75	37	89%			83%	Low	\$\$\$\$
	SCR229HC	610*610*19								
	SCR629HC	600*1200*19	0.75	37	89%			83%	Low	\$\$\$\$
	SCR249HC	610*1220*19								
	SCR6622HC	600*600*22	0.8	40	89%			83%	Low	\$\$\$\$
	SCRF669HC	600*600*19	0.75	37	89%			83%	Low	\$\$\$\$
	SCRF229HC	610*610*19								
	SCRF629HC	600*1200*19	0.75	37	89%			83%	Low	\$\$\$\$
	SCRF249HC	610*1220*19								
	SCRF6622HC	600*600*22	0.8	40	89%			83%	Low	\$\$\$\$
SCRF2222HC	610*610*22									

## GRID PROFILE OPTIONS

DX/DXL SQ Edge	AXCE SQ Edge	DXT SQ Edge	DX/DXL SLT Edge	DXT FLB Edge	DXF FLB Edge
DXI FL Edge					

## SPECIFICATION DETAILS

Sonata Healthcare Acoustical Ceiling meets the requirements in accordance with ASTM E1264 and EN13964.

### Materials Classification

Type: III,  
Form: 2,  
Pattern: E, G

### Substrate and Surface Finish

Mineral Fiber substrate laminated with fiberglass scrim 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]

### Weight

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

### Noise Reduction Coefficient [NRC]

[0.75] [0.80] [0.85]

### Ceiling Attenuation Class [CAC]

[37 dB] [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, Flame Spread: 20,  
Smoke development: 70

### Reaction to Fire as per EN 13501-1

Euroclass A2-S1,d0

### Fire Rating as per ASTM E119

2hrs Time-Rated Assembly [J201]

### Thermal Resistance

19mm [0.31 m<sup>2</sup> °K/W - R 1.8],  
22mm [0.34 m<sup>2</sup> °K/W]

### Washability / Scrubbability as per ASTM D4828 & D2486

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

### VOC Class

Green Guard Gold

### 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

### Water Absorbance

Repellency Membrane

### Notice:

As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to usgme.com for the updated products information document.