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## FEATURES & BENEFITS

- Laminated Washable Vinyl facing for easy maintenance
- Available only in Plain facings with smooth appearance for Plain White pattern and light texture for Star Plus pattern
- Ultra high humidity resistant and sag resistance ensures durability in standard or extreme environmental conditions. May be installed early in the hospital program
- It comes with Aluminum Foil backing which acts as a vapor barrier and resists breathing so panel stays cleaner longer
- Scrub resistant. Dirt marks are easy to remove
- Scuff and scratch resistant, for longer life
- Very suitable for Healthcare applications
- Economical and easy to trim and install
- Available in 12mm with multiple pin perforation to provide balance to room acoustics for elegant and simplicity in design

## APPLICATIONS AS PER 2018 FGI GUIDELINES

- Hydro-therapy Rooms
- Nurse's Stations
- Patient Rooms

Plain White

Star Plus

# USG SPARTA ACOUSTICAL CEILING



## TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	LR			Recycled Content	VOC Emission	Cost
SQ 	LSP665	600*600*15	0.15	35	84%			20%	Low	\$
	LSP225	610*610*15								
	LPW665	600*600*15	0.15	35	84%			20%	Low	\$
	LPW225	610*610*15								
	LSP669	600*600*19	0.15	36	84%			20%	Low	\$\$
	LSP229	610*610*19								
	LPW669	600*600*19	0.15	36	84%			20%	Low	\$\$
	LPW229	610*610*19								

## GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge

## SPECIFICATION DETAILS

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

### Materials Classification

Type: X,  
Form:2,  
Pattern: G

### Substrate and Surface Finish

Mineral Fiber substrate laminated with vinyl-faced and aluminum foil layer at substrate back

### Thickness

12mm, 15mm, 19mm

### Size

600 x 600mm,  
610 x 610mm

### Edge Detail Trim

Square

### Weight

12mm [3 kg/m<sup>2</sup>, Regular/ ClimaPlus],  
15mm [3.75 kg/m<sup>2</sup>, Regular/ ClimaPlus],  
19mm [4.75 kg/m<sup>2</sup>, Regular/ ClimaPlus]

### Noise Reduction Coefficient [NRC]

[0.15]

### Ceiling Attenuation Class [CAC]

[35 dB] [36 dB]

### Mold Prevention Application as per ASTM D3273

Inherent to Mold/Mildew growth

### Humidity Resistance

Maximum 99% RH / 40°C for ClimaPlus

### Light Reflectance Coefficient [LR]

0.84

### Color

White similar to RAL 9003

### Surface Burning Characteristics as per ASTM E84

Class A, Flame Spread: 20,  
Smoke development:35

### Thermal Resistance

15mm [0.23 m<sup>2</sup> °K/W - R 1.3],  
19mm [0.31 m<sup>2</sup> °K/W - R 1.8]

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

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

### 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

### Notice:

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