# **SPARTA**





APPLICATIONS AS PER 2018 FGI GUIDELINES

Available in 12mm with multiple pin perforation to provide balance to room acoustics for elegant and simplicity in design

Scuff and scratch resistant, for longer life
Very suitable for Healthcare applications
Economical and easy to trim and install

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

Issue date: 1-Mar-18

### **USG SPARTA ACOUSTICAL CEILING**



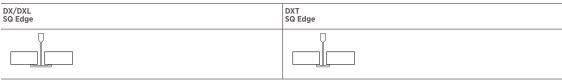




# TABLE OF PERFORMANCE

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**



### 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/m², Regular/ ClimaPlus], 15mm [3.75 kg/m², Regular/ ClimaPlus], 19mm [4.75 kg/m², 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 FR4

E84

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

### Thermal Resistance

15mm [0.23 m² °K/W - R 1.3], 19mm [0.31 m² °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 | EQ Credit 3 | IEQ Credit 3.2 | IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

### 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.

©2020 Factory of USG Middle East LTD. Co. All rights reserved.

