

# MINERAL FIBER CEILINGS FOR COMMERCIAL SPACES

## SPARTA



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### FEATURES AND BENEFITS

- Laminated washable vinyl facing ceiling tile for easy maintenance.
- Available only in plain facings with a smooth appearance.
- Ultra-high humidity resistance: sag resistance ensures durability in standard or extreme environmental conditions.
- It may be installed in the early project stages.
- Standard with aluminum foil at the rear side, which acts as a vapor barrier and resists breathing so the panel stays clean for a long time.
- Scrub-resistant, dirt marks are easy to remove.
- Suitable for Healthcare applications.
- It is economical and easy to trim and install.

### APPLICATIONS

- Hydro-therapy rooms
- Nurse's stations
- Patient rooms
- Kitchen
- Groceries
- Bathroom

# TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
SQ	LPW665 LPW225	600*600*15 610*610*15	-	35	84%			20%	Low	\$
	LPW669 LPW229	600*600*19 610*610*19	-	36	84%			20%	Low	\$\$

**Low Emissions (VOC)**  
Third party (GREENGUARD) certified for low-emitting performance, meets UL 2818 - 2022 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. 'Certificates of Compliance' for Low VOC Emissions are available on [usgme.com](http://usgme.com) and at [spot.ul.com](http://spot.ul.com).

# GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge

# SPECIFICATIONS DETAILS

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

**Materials Classification**  
Type A, Form A2, Pattern G, I

**Substrate and Surface Finish**  
Mineral fiber substrates laminated with embossed vinyl-faced membrane and aluminium foil layer at the rear side

**Thickness**  
15mm, 19mm

**Size**  
600 x 600mm, 610 x 610mm

**Edge Detail Trim**  
Square

**Weight**  
15mm [3.75 kg/m<sup>2</sup>, Regular/ ClimaPlus™]  
19mm [4.75 kg/m<sup>2</sup>, Regular/ ClimaPlus™]

**Ceiling Attenuation Class [CAC]**  
[35 - 36 dB]

**Humidity Resistance**  
Maximum 99% RH / 40°C for ClimaPlus™

**Mold Prevention Application as per ASTM D3273**  
Rate 10: Resistant to mold growth. Panels are available upon request

**Light Reflectance Coefficient [LR]**  
0.84

**Color**  
Standard White

**Surface Burning Characteristics as per ASTM E84**  
Class A

**Fire Rating as per BS 476 (Firechief™ Option)**  
1hr Time-rated assembly

**Thermal Conductivity**  
λ = 0.057 W/m°K

**VOC Class**  
Greenguard

**Formaldehyde Classification**  
Class E1 as per EN717-1

**Washability / Scrubbability as per ASTM D4828 & D2486**  
Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

**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