

MINERAL FIBER CEILING TILES 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

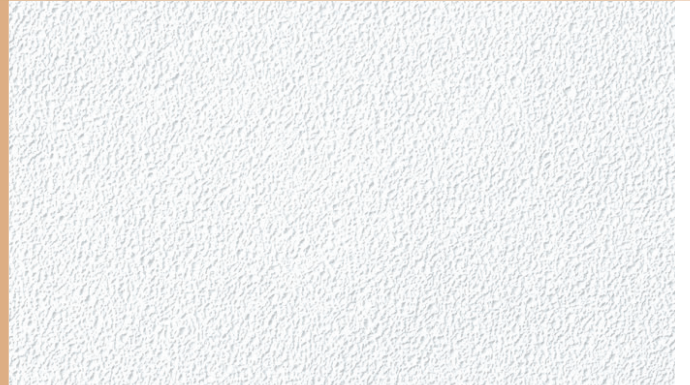




TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
SQ	LPW665	600*600*15	-	35	84%			20%	Low	\$
	LPW225	610*610*15	-	35	84%			20%	Low	\$
	LPW669	600*600*19	-	36	84%			20%	Low	\$\$
	LPW229	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 and at 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 A4.2, 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/m², Regular/ ClimaPlus™]

19mm [4.75 kg/m², 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/m²K

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