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FEATURES & BENEFITS

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

APPLICATIONS AS PER 2018 FGI GUIDELINES

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

SPARTA



EN 13964 - 2014 + A1 - 2007



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



CEILING ATTENUATION CLASS



HEALTHCARE APPLICATION

TABLE OF PERFORMANCE

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

Low Emissions (VOC)

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.1 - 2010 (CA Section 01350). 'Certificates of Compliance' for Low VOC Emissions are available on usg.com and at spot.usl.com.

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge

SPECIFICATION DETAILS

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

Materials Classification

Type: X,
Pattern: G

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]

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

Thermal Conductivity

λ = 0.057 W/m²K

Washability / Scrubbability as per ASTM D4828 & D2486

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

VOC Class

Greenguard Gold

Formaldehyde Classification

Class E1 as per EN717-1

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

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