

FAVIA ACOUSTIC



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FEATURES & BENEFITS

- Micro-fissured non-directional pattern for a cleaner, whiter appearance.
- Elegant light-textured panels with high light reflectance.
- Mid-range sound absorption and sound attenuation which makes it ideal for schools, corridors, and general commercial stores.
- Meets the emission test criteria as low emitting per standards established by the Collaborative for High-Performance Schools (CHPS) and following ASTM D5116 testing method.

APPLICATIONS

- Education
- Corridors and hallways
- Grocery stores
- Administration offices
- Rest Area
- Warehouse

Absorption Coefficient	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
	16mm HNRC	0.30	0.35	0.60	0.80	0.90	0.85	0.65
19mm	0.35	0.35	0.45	0.70	0.75	0.65	0.55	

*Calculated to ASTM C 423-01

FAVIA ACOUSTIC



EN 13964 : 2014 + A1 : 2007



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS

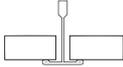
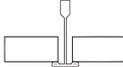
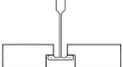
TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
	FAS666	600*600*16	0.65	35	85%			25%	Low	\$\$\$
	FAS226	610*610*16								
	FAS669	600*600*19	0.55	37	85%			25%	Low	\$\$
	FAS229	610*610*19								
	FSR666	600*600*16	0.65	35	85%			25%	Low	\$\$\$
	FSR226	610*610*16								
	FSR669	600*600*19	0.55	37	85%			25%	Low	\$\$
	FSR229	610*610*19								

Low Emissions (VOC)

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. UL. Tests are available on usgme.com and at spot.ul.com

GRID PROFILE OPTIONS

DX/DXL SQ Edge	DXT SQ Edge	DX/DXL SLT Edge	DXLT-FLB
			

SPECIFICATION DETAILS

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

Materials Classification

Type: III,
Form: 2,
Pattern: C, D, E

Substrate and Surface Finish

Mineral fiber substrate finished with factory-applied water-based paint

Thickness
16mm, 19mm

Size
600 x 600mm, 610 x 610mm

Edge Detail Trim
Square, Reveal [SLT]

Weight

16mm [3.6 kg/m², Regular/ ClimaPlus™]
19mm [4.5 kg/m², Regular/ ClimaPlus™]

Noise Reduction Coefficient [NRC]

[0.55] [0.65]

Ceiling Attenuation Class [CAC]

[35 - 37 dB]

Mold Prevention Application as per ASTM D3273

Application available upon request per ASTM D3273-1, Rate 10 per D3274

Humidity Resistance

Maximum 90% RH / 40°C

Light Reflectance Coefficient [LR]

0.85

Color

White similar to RAL 9016

Surface Burning Characteristics as per ASTM E84 Class A

Reaction to Fire as per EN 13501-1
Euroclass A2-s1, d0

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 upon request

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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