

# HIGH NRC MINERAL FIBER FAVIA ACOUSTIC



**CE**  
EN 13964 : 2014 + A1 : 2007

**GREENGUARD**  
PRODUCT CERTIFIED FOR LOW VOC EMISSIONS

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**Sound Absorption**

**CEILING ATTENUATION CLASS**

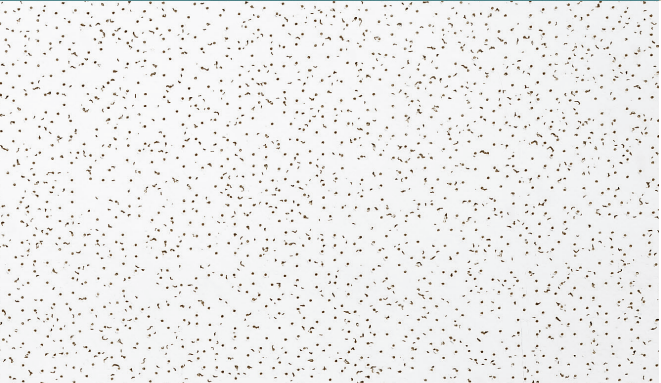
## FAVIA ACOUSTIC

### FEATURES AND BENEFITS

- Micro-fissured non-directional pattern for a cleaner, whiter appearance.
- Elegant light-textured panels with high light reflectance.
- Mid-range sound absorption and attenuation make 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) following the 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	<b>0.35</b>	<b>0.60</b>	<b>0.80</b>	<b>0.90</b>	0.85	<b>0.65</b>
19mm	0.35	<b>0.35</b>	<b>0.45</b>	<b>0.70</b>	<b>0.75</b>	0.65	<b>0.55</b>

\* Calculated to ASTM C 423-01



## TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
	FAS665	600*600*15	0.50	36	85%			25%	Low	\$\$
	FAS225	610*610*15								
	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									
	FASR665	600*600*15	0.50	36	85%			25%	Low	\$\$
	FASR225	610*610*15								
	FASR666	600*600*16	0.65	35	85%			25%	Low	\$\$\$
	FASR226	610*610*16								
	FASR669	600*600*19	0.55	37	85%			25%	Low	\$\$
FASR229	610*610*19									

**Low Emissions (VOC)**  
 Third party (GREENGUARD & 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

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

# SPECIFICATIONS DETAILS

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

**Materials Classification**  
 Type A,  
 Form A1,  
 Pattern C, D, E

**Substrate and Surface Finish**  
 Mineral fiber substrate finished with factory-applied water-based paint

**Thickness**  
 15mm, 16mm, 19mm

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

**Edge Detail Trim**  
 Square, Reveal [SLT]

**Weight**  
 15mm [3.6 kg/m<sup>2</sup>, Regular/ClimaPlus™]  
 16mm [3.85 kg/m<sup>2</sup>, Regular/ClimaPlus™]  
 19mm [4.5 kg/m<sup>2</sup>, Regular/ClimaPlus™]

**Noise Reduction Coefficient [NRC]**  
 [0.50] [0.55] [0.65]

**Ceiling Attenuation Class [CAC]**  
 [35 - 37 dB]

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

**Humidity Resistance**  
 Maximum 90% RH / 40°C

**Light Reflectance Coefficient [LR]**  
 0.85

**Color**  
 Standard White

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

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

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

**Thermal Conductivity**  
 $\lambda = 0.057 \text{ W/m}^2\text{K}$

**VOC Class**  
 Greenguard & Greenguard Gold

**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