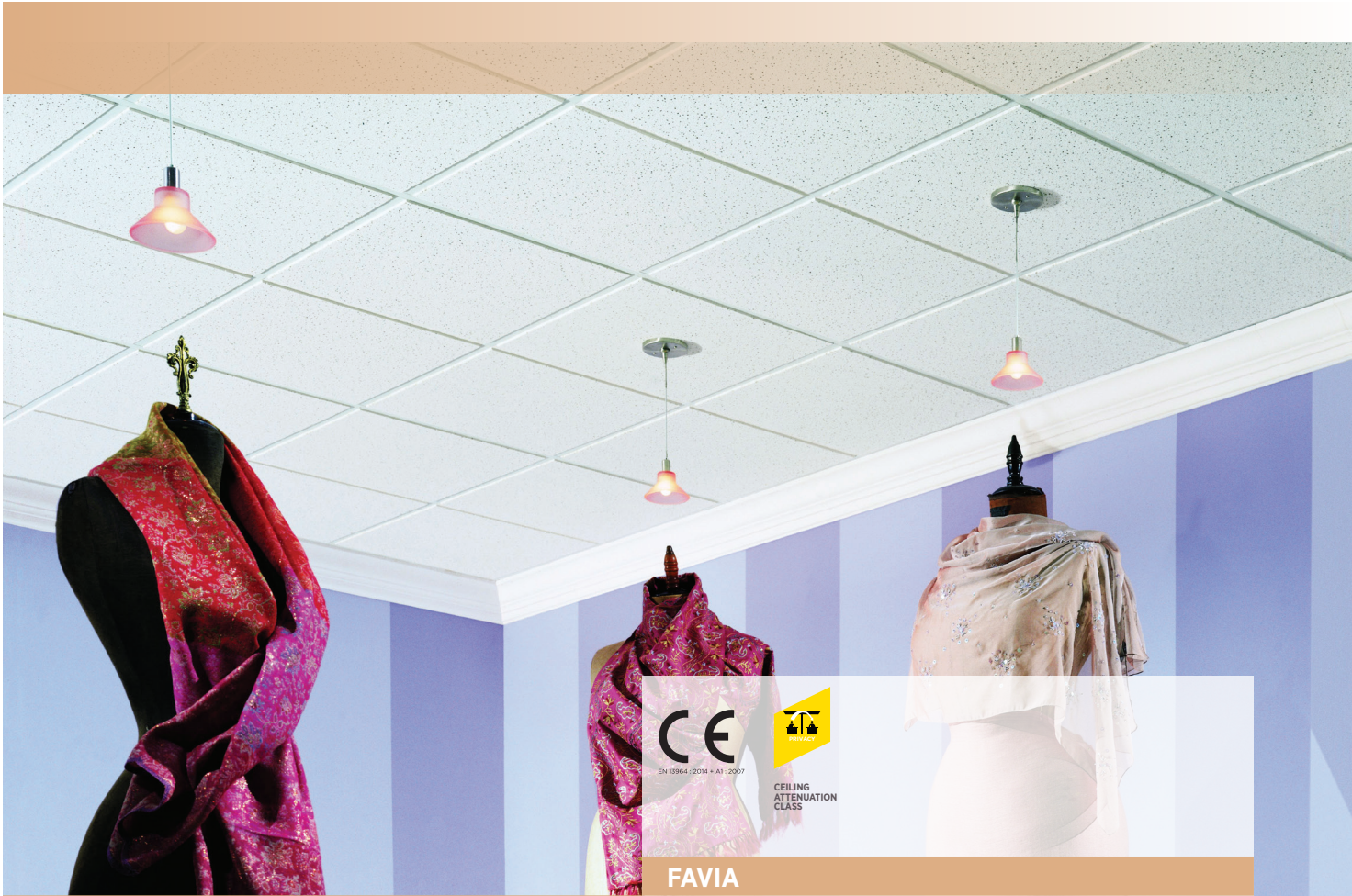


# MINERAL FIBER CEILINGING FOR COMMERCIAL SPACES

## FAVIA



FAVIA

### FEATURES AND BENEFITS

- Finest fissuring pattern among USG ME's product portfolio.
- Elegant non-directional pattern for a fresh, clean, and white appearance.
- The cost-effective series is ideal for retail businesses and general commercial stores.
- High-light reflectance ceilings can reduce the number of light fixtures needed while maintaining good indoor environmental air quality.
- Durable and attractive micro-textured white surface for design freedom during installation.
- Available in ClimaPlus™ formulation for high-humid areas.

### APPLICATIONS

- Groceries
- Corridors and hallways
- Basements
- Administration offices
- Rest areas
- Cafeterias
- Warehouse



### ABSORPTION COEFFICIENT

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
15mm	0.35	0.25	0.20	0.20	0.30	0.50	0.25

\* 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
	FNS665	600*600*15	0.25	35	85%			25%	Low	\$
	FNS225	610*610*15								
	FNC625	600*1200*15	0.25	35	85%			39%	Low	\$
	FNC245	610*1220*15								
	FNSR665	600*600*15	0.25	35	85%			25%	Low	\$
	FNSR225	610*610*15								
	FNCR625	600*1200*15	0.25	35	85%			39%	Low	\$
	FNCR245	610*1220*15								

## GRID PROFILE OPTIONS

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

# SPECIFICATIONS DETAILS

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

### Materials Classification

Type A,  
Form A1.2,  
Pattern D, E

### Substrate and Surface Finish

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

### Thickness

15mm

### Size

600 x 600mm, 610 x 610mm,  
600 x 1200mm, 610 x 1220mm

### Edge Detail Trim

Square, Reveal [SLT, FLB]

### Weight

15mm [3.6 kg/m<sup>2</sup>, Regular/  
ClimaPlus™]

### Noise Reduction Coefficient

[NRC]

[0.25]

### Ceiling Attenuation Class [CAC]

[35 dB]

### Humidity Resistance

Maximum 95% RH / 40°C for ClimaPlus™

### Light Reflectance Coefficient [LR]

0.85

### Color

Standard White

### Mold Prevention Application as per ASTM D3273

Rate 10: Resistant to mold growth. Panels are available upon request

### 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

λ = 0.057 W/m<sup>2</sup>K

### 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