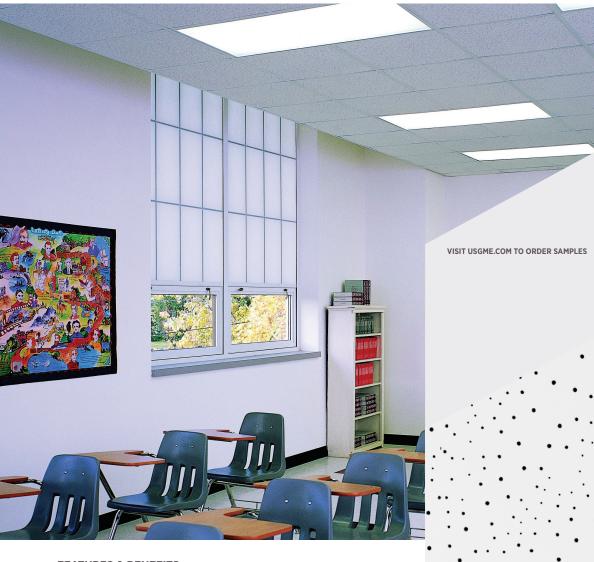
# **ATHENA**



### **FEATURES & BENEFITS**

- Accessible acoustical ceiling system with multiple random pin perforation panels.
- Perfect design solution for new-build or renovation projects.
- Available in semi-concealed and fully concealed tiles.
- Ideal for mid to high sound absorption & sound attenuation, which provides balance to room acoustics.
- Excellent for general commercial construction projects.
- Maximum cost-efficiency and design simplicity.
- Available in washable & hygienic paint upon request.
- Specially formulated in 16mm for high acoustic sound absorption specifications of the NRC 0.70.

### **APPLICATIONS**

- Schools
- Corridors
- Lobby areas
- Offices
- Retail Stores

	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
ent	16mm	0.30	0.35	0.65	0.90	1.0	0.95	0.70
	19mm HNRC	0.35	0.45	0.80	0.70	0.65	0.50	0.65
Absorption Coefficient	*Calculated to A	STM C 4	23-01					



### **ATHENA**













## TABLE OF PERFORMANCE

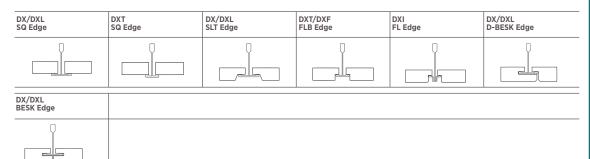
Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission	Cost
			NRC	CAC	Ø		Ø	4	5	\$
SQ	ATX666 ATX226	600*600*16 610*610*16	0.70	35	86%		6	68%	Low	\$\$\$
	ATX626 ATX246	600*1200*16 610*1220*16	0.70	35	86%		6	68%	Low	\$\$\$
SLT	ATXR666 ATXR226	600*600*16 610*610*16	0.70	35	86%		6	68%	Low	\$\$\$
FLB	ATXRF666 ATXRF226	600*600*16 610*610*16	0.70	35	86%		6	68%	Low	\$\$\$
D-BESK	ATCRFDC669-HNRC	600*600*19	0.65	40	86%			82%	Low	\$\$\$\$
BESK	ATCC669-HNRC	600*600*19	0.65	40	86%			82%	Low	\$\$\$\$



#### **High Recycled Content**

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

# GRID PROFILE OPTIONS



# SPECIFICATION DETAILS

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

### Materials Classification

Type: III, Form: 2, Pattern: C

### Substrate and Surface Finish

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

#### Thickness

16mm, 19mm

#### Size

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

#### **Edge Detail Trim**

Square,

Reveal [SLT, FLB], Concealed [BESK, D-BESK]

### Weight

16mm [5.45 kg/m², Firecode®] 19mm [6.45 kg/m², Firecode®]

# **Noise Reduction Coefficient [NRC]** [0.65] [0.70]

Ceiling Attenuation Class [CAC]
[35 - 40 dB]

# Mold Prevention Application as per ASTM D3273

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

## **Humidity Resistance**

Maximum 99% RH / 40°C for ClimaPlus™

### Light Reflectance Coefficient [LR]

0.86

#### 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

 $\lambda = 0.05 \text{ W/m}^{\circ}\text{K}$ 

## Washability / Scrubbability as per ASTM D4828 & D2486

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

### 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

#### Notice:

As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to usgme.com for the updated products information document.

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