

# HIGH NRC MINERAL FIBER SKYLITE ACOUSTIC



EN 13964 - 2014 + A1 - 2007



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS



FIRECODE



HIGH RECYCLED CONTENT

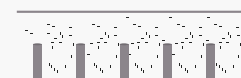
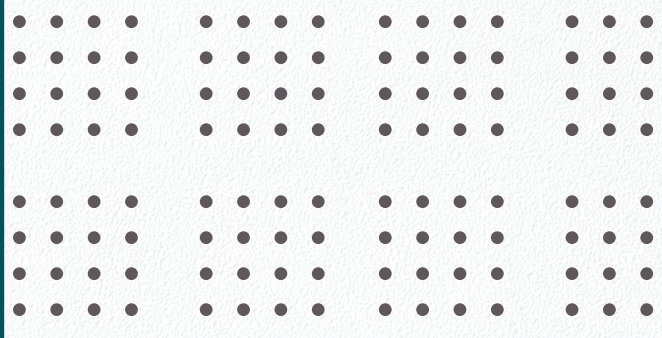
## SKYLITE ACOUSTIC

## FEATURES AND BENEFITS

- Special R6 wetfletched perforated design meets the growing demand for high sound control ceiling panels with a modern and stylish look.
- Balanced Acoustics. High-NRC and High-CAC.
- Excellent combination of noise reduction (up to NRC-0.70) and sound attenuation (up to CAC-39).
- Excellent for critical lighting applications that require High Light Reflectance (0.89).
- High Humidity Resistance up to RH-95%.
- Produced in HRC (High Recycled Content) for optimized recycled content formulations to help maximize LEED® recycled content contribution and high sound absorption.
- Ideal solutions for educational facilities and offices.

## APPLICATIONS

- Classrooms
- Offices
- Reception and lobby areas
- Restaurant and cafe
- Sports hall
- Shopping centers



Half punch

## ABSORPTION COEFFICIENT

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
19mm	0.30	0.35	0.65	0.90	0.95	0.70	0.70

\*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
SQ 	SKAX669-R6	600*600*19	0.70	39	89%			83%	Low	\$\$\$\$
	SKAX229-R6	610*610*19								
	SKAX629-R6	600*1200*19	0.70	39	89%			83%	Low	\$\$\$\$
	SKAX249-R6	610*1220*19								
SL 	SKAXR669-R6	600*600*19	0.70	39	89%			83%	Low	\$\$\$\$
	SKAXR229-R6	610*610*19								
	SKAXR629-R6	600*1200*19	0.70	39	89%			83%	Low	\$\$\$\$
	SKAXR249-R6	610*1220*19								
FL 	SKAXRF669-R6	600*600*19	0.70	39	89%			83%	Low	\$\$\$\$
	SKAXRF229-R6	610*610*19								
	SKAXRF629-R6	600*1200*19	0.70	39	89%			83%	Low	\$\$\$\$
	SKAXRF249-R6	610*1220*19								



### 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.  
**For Firechief™ products.**

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

# SPECIFICATIONS DETAILS

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

### Materials Classification

Type A, Form A1.2, Pattern A

### Substrate and Surface Finish

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

### Thickness

19mm

### Size

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

### Edge Detail Trim

Square, Reveal [SL, FL]

### Weight

7 kg/m<sup>2</sup> [Firechief™]

### Noise Reduction Coefficient

[NRC]

[0.70]

### Ceiling Attenuation Class [CAC]

[39 dB]

### Humidity Resistance

Maximum 95% RH

### Light Reflectance Coefficient

[LR]

0.89

### 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 = 0.05 W/m<sup>2</sup>K

### 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

### Disclaimer:

Information contained in this document is subject to change without prior notice due to our ongoing product development. We recommend referring to the website [usgme.com](https://usgme.com) for the most up-to-date and accurate product information.

*This technical datasheet is intended for global use in regions where USG ME has authorized sales territories.*