

HIGH NRC MINERAL FIBER SKYLITE ACOUSTIC



EN 13964 - 2014 + A1 - 2007



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS



FIRECODE



HIGH RECYCLED CONTENT

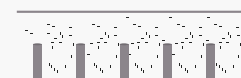
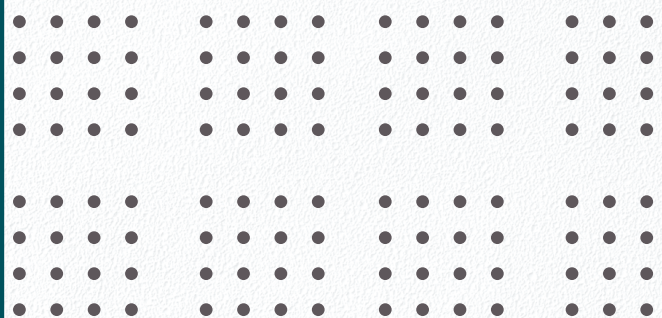
SKYLITE ACOUSTIC

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, 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/m² [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/m²K

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 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.