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FEATURES & BENEFITS

- Fiberglass substrate with elegant and refined acoustical facing and high performance mineral fleece membrane on the backside. Planks are fully demountable, which reduces installation time.
- Light black tile for ideal application in cinemas and theaters.
- Exceptional sound absorption with NRC values up to 1 & high acoustic sound absorption performance at low frequencies, satisfying high-performance needs for cinema construction.
- Impact & scratch resistant.
- Available in concealed planks.

APPLICATIONS

- Cinemas and operating theatres
- Restaurants
- Convention halls and concourses
- Bowling alleys
- Conference rooms

Absorption Coefficient	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
	19mm	0.50	0.90	1.0	0.90	0.95	0.90	0.95
	19mm Concealed	0.65	0.85	0.80	0.95	1.0	1.0	0.95
	25mm	0.40	0.90	1.0	0.95	1.0	1.0	1.0
	25mm Concealed	0.75	0.85	0.85	1.0	1.0	1.0	1.0
	38mm	0.60	0.90	1.0	1.0	1.0	1.0	1.0
	50mm	0.60	0.75	0.90	1.0	1.0	1.0	0.95

* Calculated to ASTM C 423-01

HALCYON™ BLACK



PRODUCT
CERTIFIED
FOR
ENVIRONMENTAL
PRODUCT
DECLARATION



HIGH SOUND
ABSORPTION



AVAILABLE
IN CONCEALED
EDGE

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 	HC669B	600*600*19	0.95	24	-		Class A	40%	N/A	\$\$\$
	HC229B	610*610*19								
	HC629B	600*1200*19	0.95	24	-		Class A	40%	N/A	\$\$\$
	HC249B	610*1220*19								
	HC6625B	600*600*25	1.0	25	-		Class A	40%	N/A	\$\$\$
	HC2225B	610*610*25								
	HC6238B	600*1200*38	1.0	31	-		Class A	40%	N/A	\$\$\$
	HC2438B	610*1220*38								
	HC6638B	600*600*38	1.0	31	-		Class A	40%	N/A	\$\$\$
	HC2238B	610*610*38								
D-BESK** 	HCRFDC669B	600*600*19	0.95	28	-		Class A	40%	N/A	\$\$\$\$
	HCRFDC6625B	600*600*25	1.0	30	-		Class A	40%	N/A	\$\$\$\$
S-BESK** 	HCDSC6625B	600*600*25	1.0	30	-		Class A	40%	N/A	\$\$\$\$
BESK** 	HCFC669B	600*600*19	0.95	28	-		Class A	40%	N/A	\$\$\$\$
	HCFC6625B	600*600*25	1.0	30	-		Class A	40%	N/A	\$\$\$\$

*To ASTM E84

**Additional concealed panels configurations are available on special order: 600 x 1200, 600 x 1500, 600 x 1800 and 600 x 2400

GRID PROFILE
OPTIONS

DX/DXL SQ Edge	DXT SQ Edge	DX/DXL D-BESK Edge	DX/DXL S-BESK Edge	DX/DXL BESK Edge

SPECIFICATION
DETAILS

Halcyon™ Black Acoustical Ceiling meets specifications in accordance with ASTM E1264.

Materials Classification

Type: XII, Form: 2, Pattern: E, G

Substrate and Surface Finish

Glasswool substrate laminated with factory applied painted fiberglass scrim and back fiberglass tissue

Thickness

19mm, 25mm, 38mm, 50mm

Size

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

Edge Detail Trim

Square

Concealed [D-BESK, S-BESK, BESK]

Weight

Square

19mm [2.1 kg/m²],
25mm [2.3 kg/m²],
38mm [4.2 kg/m²]

Concealed [D-BESK, S-BESK, BESK]

19mm [2.65 kg/m²],
25mm [3.5 kg/m²]

Noise Reduction Coefficient [NRC]

[0.95] [1.0]

α_w

19mm [0.95]

Ceiling Attenuation Class [CAC]

[24 - 32 dB]

Mold Prevention Application as per ASTM

D3273

Rate 10

Humidity Resistance

Maximum 99% RH / 40°C

Color

Black Color similar to RAL 7021

Surface Burning Characteristics as per ASTM E84

Class A

EN 13501-1 Class of Reaction to Fire Performance

A2-s1,d0

Thermal Conductivity

λ = 0.034 W/m²K

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 | EQ Credit 3 | IEQ Credit 3.2 |
IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

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