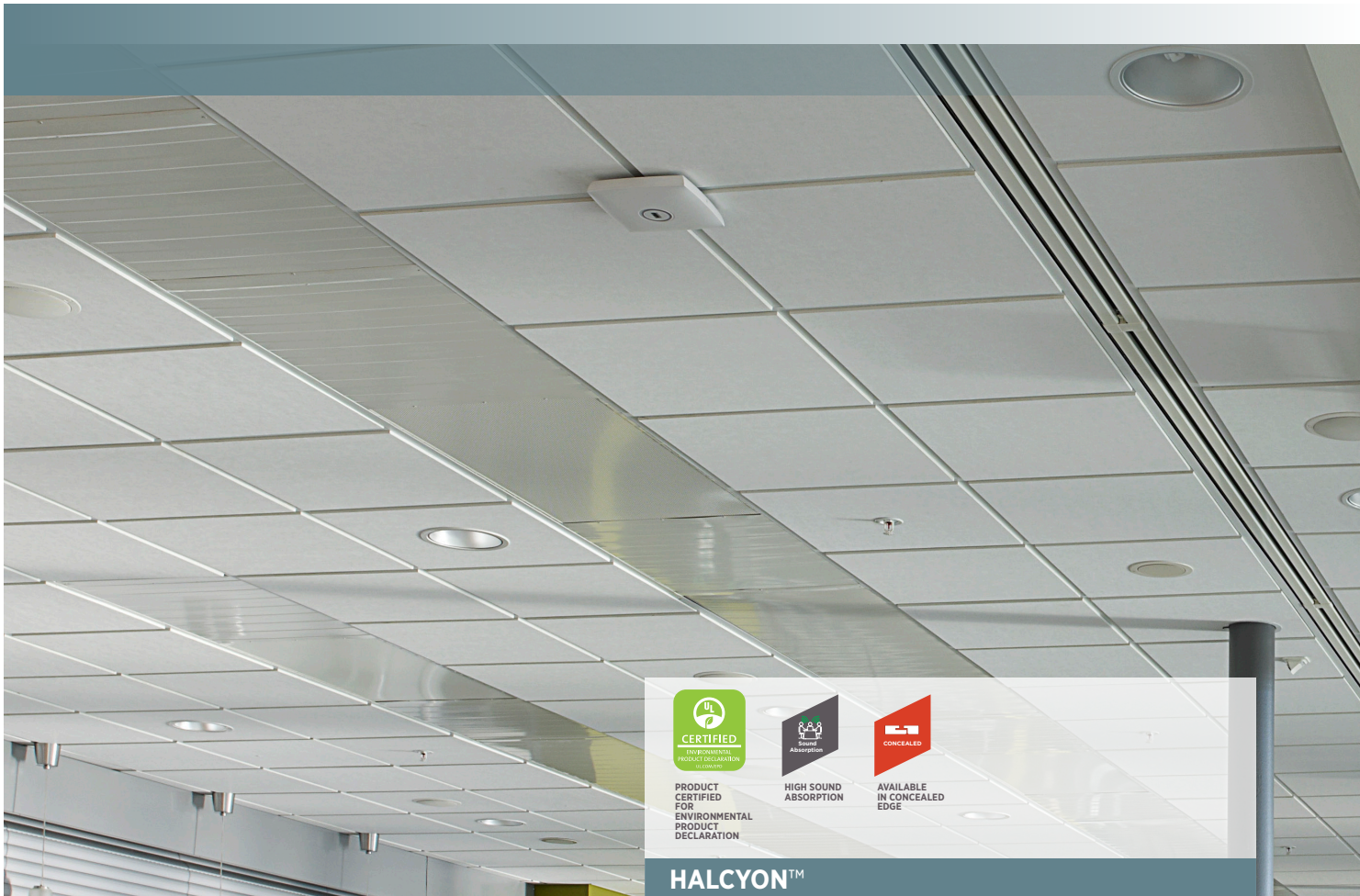


SOFT FIBER HALCYON™



PRODUCT
CERTIFIED
FOR
ENVIRONMENTAL
PRODUCT
DECLARATION



HIGH SOUND
ABSORPTION



AVAILABLE
IN CONCEALED
EDGE

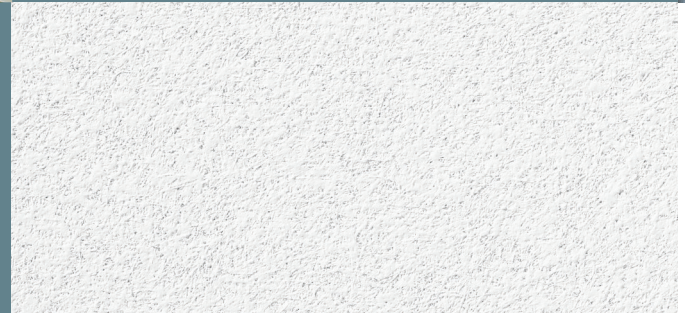
HALCYON™

FEATURES AND BENEFITS

- Glasswool substrate with monolithic visual reduces installation time.
- Exceptional sound absorption with NRC values up to 1.
- Certified for Environmental Product Declaration (EPD) as per ISO 14025.
- Elegant and refined acoustical facing and high-performance mineral fleece membrane on the backside.
- High light reflectance (LR-0.88) reduces light fixture & energy use.
- Washable & scrubbable finish.
- Available in concealed edges BESK, D-BESK & S-BESK.
- Impact & scratch-resistant.
- Available in plank sizes compatible with Logix™ integrated ceiling System.
- Available in black for ideal application in cinemas and theaters.

APPLICATIONS

- Open-plan areas
- Offices with indirect lighting
- Media rooms
- Receptions & lobby areas
- Libraries
- Convention halls and concourses
- Cinemas and theaters



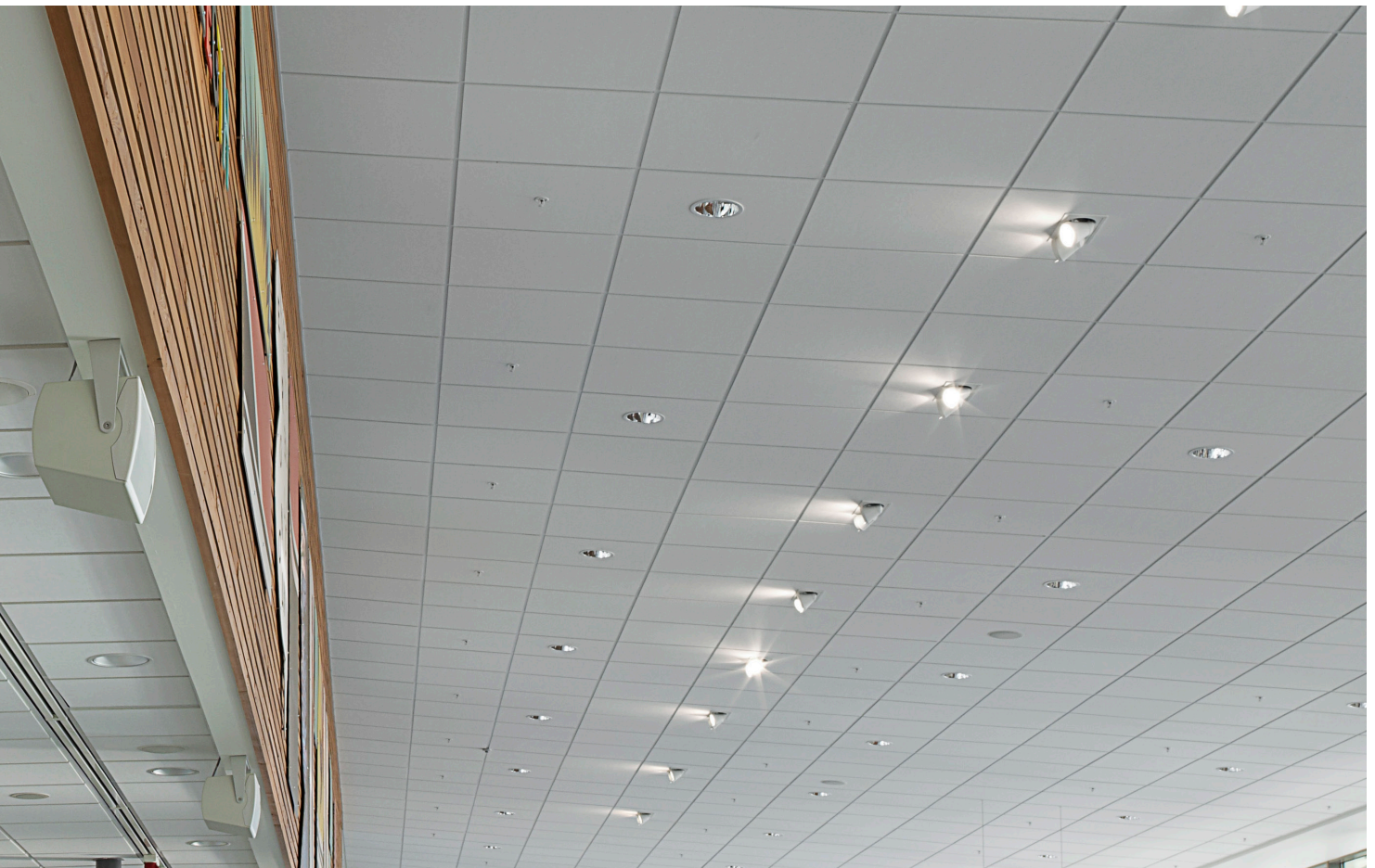
AVAILABLE COLORS



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

* Calculated to ASTM C 423-01



SPECIFICATIONS DETAILS

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

Materials Classification

Type B, Form B2, Pattern G

Substrate and Surface Finish

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

Thickness

19mm, 25mm, 38mm

Size

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

Edge Detail Trim

Square, Reveal [SL, FL]

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

Noise Reduction Coefficient

[NRC]

[0.95] [1.0]

Ceiling Attenuation Class [CAC]

[24 - 32 dB]

Weight

Square

19mm [1.85 kg/m²],

25mm [2.4 kg/m²],

38mm [4.37 kg/m²]

Reveal [SL, FL]

19mm [2.2 kg/m²],

25mm [2.87 kg/m²],

38mm [4.37 kg/m²]

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

19mm [2.75 kg/m²],

25mm [3.62 kg/m²]

Mold Prevention Application as per ASTM D3273

Rate 10: Resistant to mold growth

Humidity Resistance

Maximum 99% RH / 40°C

Light Reflectance Coefficient

[LR]

0.88

Color

Standard White. Other colors are available upon request

Surface Burning Characteristics as per ASTM E84

Class A

EN 13501-1 Class of Reaction to Fire Performance

A2-s1,d0

Thermal Conductivity

$\lambda = 0.034 \text{ W/m}^2\text{K}$

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

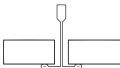
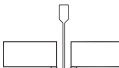
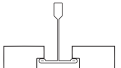
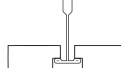
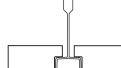
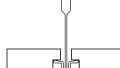
TABLE OF PERFORMANCE

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mold & Mildew/ Sag Resistance	Fire Rating*	Recycled Content	VOC Emission	Cost
										
SQ 	HC669	600*600*19	0.95	24	88%		Class A	40%	N/A	\$\$\$
	HC229	610*610*19								
	HC629	600*1200*19	0.95	24	88%		Class A	40%	N/A	\$\$\$
	HC249	610*1220*19								
	HC6625	600*600*25	1.0	25	88%		Class A	40%	N/A	\$\$\$
	HC2225	610*610*25								
	HC6638	600*600*38	1.0	31	88%		Class A	40%	N/A	\$\$\$
	HC2238	610*610*38								
SL 	HCR669	600*600*19	0.95	25	88%		Class A	40%	N/A	\$\$\$
	HCR229	610*610*19								
	HCR629	600*1200*19	0.95	25	88%		Class A	40%	N/A	\$\$\$
	HCR249	610*1220*19								
	HCR6625	600*600*25	1.0	28	88%		Class A	40%	N/A	\$\$\$
	HCR2225	610*610*25								
	HCR6225	600*1200*25	1.0	28	88%		Class A	40%	N/A	\$\$\$
	HCR2425	610*1220*25								
FL 	HCRF669	600*600*19	0.95	25	88%		Class A	40%	N/A	\$\$\$
	HCRF229	610*610*19								
	HCRF629	600*1200*19	0.95	25	88%		Class A	40%	N/A	\$\$\$
	HCRF249	610*1220*19								
	HCRF6625	600*600*25	1.0	28	88%		Class A	40%	N/A	\$\$\$
	HCRF2225	610*610*25								
	HCRF6225	600*1200*25	1.0	28	88%		Class A	40%	N/A	\$\$\$\$
	HCRF2425	610*1220*25								
D-BESK** 	HCRFDC669	600*600*19	0.95	28	88%		Class A	40%	N/A	\$\$\$\$\$
	HCRFDC6625	600*600*25	1.0	30	88%		Class A	40%	N/A	\$\$\$\$\$
S-BESK 	HCDC6625	600*600*25	1.0	30	88%		Class A	40%	N/A	\$\$\$\$\$
BESK** 	HCFC669	600*600*19	0.95	28	88%		Class A	40%	N/A	\$\$\$\$\$
	HCFC6625	600*600*25	1.0	30	88%		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 SL Edge	DXT FL Edge	DXF FL Edge	DXI FL Edge
					
DX/DXL D-BESK Edge	DX/DXL S-BESK Edge	DX/DXL BESK Edge			
