



Features

- Excellent sound absorption, up to 0.90 NRC
- Up to 28 STC
- Class A fire-rated, per ASTM E-84
- Thermal R Value 4.2
- LEED credits
- Made in the USA

Applications

- Ceiling Tile Overlay
- Duct Wrap
- Valve Wrap
- Fan Housing
- Mechanical rooms

Options

- 23-3/4"x23-3/4"
- 23-3/4"x47-3/4"

Description

Ambience Ceiling Tile Overlay products are designed to reduce sound escaping through acoustical ceiling tiles. The Overlay products may also be used to wrap or enclose radiated noise sources such as pipes, valves, fans, mechanical rooms, equipment and many more.

Ambience Overlay products combine an eco-friendly decoupler, mass loaded vinyl barrier and scrim reinforced aluminum foil facing on one side.

Fits directly over a standard acoustical ceiling tile in a drop-in grid. Available in 23-3/4" x 23-3/4" (CTX-114) or 23-3/4" x 47-3/4" (CTX-118) sizes.

Also available in rolls measuring 4.5' x 30', mass loaded vinyl barrier in either 1 or 2 pounds per square foot (MLV 1#, MLV 2#).

LEED

- 100% Vinyl recycled content
- 30% Post consumer recycled content
- 100% Recyclable

Performance

Acoustic Transmission Loss per ASTM E 90 (dB)

	Frequency (Hz)	125	250	500	1000	2000	4000	STC
MLV 1#		16	17	23	31	40	48	28

Sound Absorption (Hz, Type A mounting per ASTM C 423)

	125	250	500	1000	2000	4000	NRC
1" Ecosse fiberglass	0.21	0.51	0.97	1.08	1.07	1.06	0.90

Physical Properties

	Weight (PSF)	Thickness (nominal)	Tensile Strength	Shore A Durometer	Elongation	Tear Strength	Flammability
MLV 1#	1.0	3mm/0.12 in	550 PSI	80 +/- 5	125%	100 lbs	Class A per ASTM E-84
Test Method	ASTM D412		ASTM D412	ASTM D2240	ASTM D412	ASTM D412	Flame 15, Smoke 50

Insulation Properties

	Density	Mean Temp @ 75°F (23°C)	Application Temperature Range	R-Rating
Ecosse	pcf kg/m ³	Btu*inc/(hf*SF**F)	20°F up to 350°F	4.2
	1.5	0.24		

*Ecosse is a registered trademark of Knauf Insulation GmbH. Ecosse is manufactured from formaldehyde-free chemicals