

Clearsorber™ Foil



PRODUCT OVERVIEW

Clearsorber™ Foil is a light transmitting, micro-perforated acoustical system that targets sound absorption primarily in the mid and high frequencies. Because the system does not require the added use of conventional (opaque) sound absorptive materials, it has the unique ability of being able to provide either high transparency for natural day lighting or filtered light translucency to provide privacy or enhance lighting effects.

SIZING

Maximum Foil Width:
 ETFE = 60", Polycarbonate = 48"
 Recommended length varies by material and application

LEED CREDITS

MRC5
 IEQc7, IEQc8, IEQc9
 Schools EQp3, Schools EQc9

FIRE RATING

Class A per ASTM E-84
 (ETFE only)

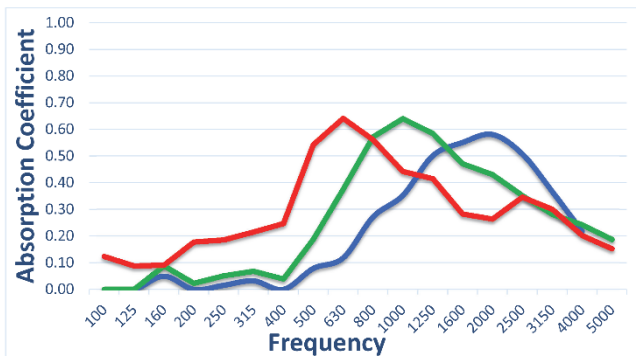


FINISH

Clearsorber™ Foil has transparent, translucent and opaque/colored material options.

INSTALLATION

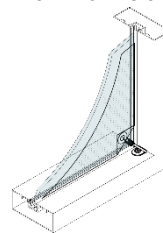
Clearsorber™ Foil is best mounted under tension for clean lines and maximum transparency.



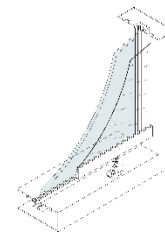
Blue = Single layer Clearsorber™ Foil System, 1" air space behind System to substrate = NRC 0.25

Green = Single layer Clearsorber™ Foil System, 2" air space behind System to substrate = NRC 0.35

Red = Single layer Clearsorber™ Foil System, 4" air space behind System to substrate = NRC 0.40



Single Layer System
Grommet Mounting



Single Layer System
Hem Bar Mounting

Frequency	Single Layer System, Green Data from Above Graph
100	0.00
125	0.00
160	0.09
200	0.02
250	0.05
315	0.07
400	0.04
500	0.19
630	0.38
800	0.57
1000	0.64
1250	0.58
1600	0.47
2000	0.43
2500	0.35
3150	0.28
4000	0.24
5000	0.19
NRC	0.35

