

ASTM C 423-84a

Sound Absorption Coefficients vs. Frequency:
(3/8" Snap-Trak® System w/Polyester)

<u>Freq. (Hz)</u>	<u>125</u>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>2000</u>	<u>4000</u>
Absorption (sabins)	5.7	14.8	23.5	31.2	36.6	41.5
Coefficient (Sab/sq.ft.)	0.08	0.21	0.33	0.43	0.51	0.58

Noise Reduction Coefficient (NRC): 0.35

In other tests, the Snap-Trak® system yielded the following results:

<u>Depth of Snap-Trak®</u>	<u>Infill Material</u>	<u>NRC Value:</u>
3/8"	Fiberglass	.35
1/2"	Polyester	.40
1"	Fiberglass	.75
2"	Fiber & Poly	1.00

TYPICAL NRC VALUES OF STANDARD IN-FILLS

<u>MATERIAL</u>	<u>THICKNESS</u>	<u>NRC VALUE</u>
Fiberglass:	1/2"	.35
Fiberglass:	1"	.75
Polyester:	1"	.70
Perforated Min. Fib. Brd.	3/8"	.25
Rock Wool (Troy)	1"	.85