



Modular Acoustical Panels

Sound Absorption Coefficient Table

1/3 Octave Center Center Freq. (HZ)	Absorption Coefficient	Total Absorption In Sabins
100	0.21	14.96
125	0.36	25.93
160	0.45	32.26
200	0.67	48.21
250	1.01	72.51
315	1.20	86.75
400	1.22	87.65
500	1.23	88.40
630	1.24	88.96
800	1.21	86.76
1000	1.14	82.14
1250	1.11	79.66
1600	1.05	75.26
2000	1.02	73.74
2500	.92	66.31
3150	.84	60.14
4000	.78	56.01
5000	.74	53.26
NRC=1.10		

Test based on ASTM E90 standards.

Features

- Galvanized construction for long life
- All panels are filled with six pound per square foot density mineral wool which is vermin and moisture proof, will not promote growth of fungi or bacteria, and is non-hygroscopic. This makes them ideal for placement in harsh environments while providing a minimum NRC value of 1.05.
- Modular design allows for easy installation
- The finished panel system may be factory powder coated with several standard colors
- Perf face is 3/8" dia holes on staggered pattern
- Available in various materials depending on application
- Powder coating available in various colors

Sound Transmission Loss Table

1/3 Octave Center Center Freq. (HZ)	STC 23 22 Gauge Tray	STC 30 20 Gauge Tray	STC 35 18 Gauge Tray	STC 37 16 Gauge Tray
100	15	20	20	20
125	15	16	21	21
160	15	16	21	22
200	15	16	21	21
250	17	21	25	24
315	17	23	28	26
400	20	28	31	30
500	21	30	33	33
630	26	31	34	39
800	25	30	33	43
1000	20	32	35	43
1250	21	33	38	49
1600	23	34	44	51
2000	23	34	45	54
2500	24	35	42	57
3150	25	36	41	60
4000	27	39	41	61
5000	28	43	43	62

Test based on ASTM E90 standards.

Specifications

- Minimum NRC value of 1.0
- 20 gauge perf face tray (standard)
- 6lb/sq ft Mineral Rock Wool Board interior treatment