

## Comparison of *Installed Cost per Sabin*

### Typical Lay-In Mineral Fiber Panel Ceiling: \$6.36 per sabin

- Typical installed cost per square foot: \$3.50; NRC – 0.55; Coverage = 100%.
- Typical space: 24' x 50' x 14' high = 1,200 sf; Total Sabins = 1,200 sf x 0.55 sabins/sf = 660 sabins.
- Construction cost: 1,200 sf x \$3.50 psf = **\$4,200.00**.
- Installed cost per sabin: \$4,200.00/660 sabins = **\$6.36 per sabin**.

### Typical STC Hi-Sabin™ Panel: \$2.91 per sabin

- Typical panel: 1.0" thick x 24" x 48" Type J mounting; NRC = 0.85; Coverage = 64%.
- Cost for material: \$15.35 per panel + \$1.44 for 6 standoffs = \$16.79 per panel; Number of panels = 1,200 sf x 64% coverage/8 sf per panel = 96 panels; 96 panels x \$16.79 = \$1,611.84.
- Cost for labor: Each panel takes 5 minutes to install; at \$36/hour labor cost, add \$3 per panel for installation; 96 panels x \$3 per panel = \$288.00.
- Installed Cost per Sabin per square foot: \$1,611.84 + \$288.00 = **\$1,899.84** construction cost; Total Sabins = 96 panels x 0.85 sabins/sf x 8 sf/panel = 652.8 sabins.
- Installed cost per sabin: \$1,899.84/652.8 = **\$2.91 per sabin**.

*Installed Cost per Sabin of the STC Hi-Sabin™ Panel is less than half of the cost of the ubiquitous lay-in acoustical panel ceiling!*

Material Cost per Sabin								
Thickness	Face Size	Cost per Panel	Area per Panel	NRC (Type J)	Sabins per Panel	Standoff @ \$0.24 each	Total Cost per Panel	Material Cost per Sabin (Type J)
1"	12" x 24"	\$ 3.84	2	0.85	1.7	\$ 0.96	\$ 4.80	\$ 2.82
	24" x 24"	\$ 7.68	4	0.85	3.4	\$ 0.96	\$ 8.64	\$ 2.54
	48" x 48"	\$ 15.35	8	0.85	6.8	\$ 1.44	\$ 16.79	\$ 2.47
1-1/2"	12" x 24"	\$ 5.76	2	1.05	2.1	\$ 0.96	\$ 6.72	\$ 3.20
	24" x 24"	\$ 11.51	4	1.05	4.2	\$ 0.96	\$ 12.47	\$ 2.97
	48" x 48"	\$ 23.03	8	1.05	8.4	\$ 1.44	\$ 24.47	\$ 2.91
2"	12" x 24"	\$ 7.68	2	1.25	2.5	\$ 0.96	\$ 8.64	\$ 3.46
	24" x 24"	\$ 15.35	4	1.25	5.0	\$ 0.96	\$ 16.31	\$ 3.26
	48" x 48"	\$ 30.70	8	1.25	10.0	\$ 1.44	\$ 32.14	\$ 3.21

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