

## 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: \$4.53 per sabin

- Typical panel: 1.0" thick x 24" x 48" Type J mounting; NRC = 0.85; Coverage = 64%.
- Cost for material: \$26.67 per panel + \$1.12 for 6 standoffs = \$27.79 per panel; Number of panels = 1,200 sf x 64% coverage/8 sf per panel = 96 panels; 96 panels x \$27.79 = \$2,667.84.
- 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: \$2,667.84 + \$288.00 = **\$2,955.84** construction cost; Total Sabins = 96 panels x 0.85 sabins/sf x 8 sf/panel = 652.8 sabins.
- Installed cost per sabin: \$2,955.84/652.8 = **\$4.53 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 @ \$0.14 each	Total Cost per Panel	Material Cost per Sabin (Type J)
1"	12" x 24"	\$ 6.67	2	0.85	1.7	\$ 0.56	\$ 7.23	\$ 4.25
	24" x 24"	\$ 13.33	4	0.85	3.4	\$ 0.56	\$ 13.89	\$ 4.09
	24" x 48"	\$ 26.67	8	0.85	6.8	\$ 1.12	\$ 27.79	\$ 4.09
1-1/2"	12" x 24"	\$ 10.00	2	1.05	2.1	\$ 0.56	\$ 10.56	\$ 5.03
	24" x 24"	\$ 20.00	4	1.05	4.2	\$ 0.56	\$ 20.56	\$ 4.90
	24" x 48"	\$ 40.00	8	1.05	8.4	\$ 1.12	\$ 41.12	\$ 4.90
2"	12" x 24"	\$ 13.33	2	1.25	2.5	\$ 0.56	\$ 13.89	\$ 5.56
	24" x 24"	\$ 26.67	4	1.25	5.0	\$ 0.56	\$ 27.23	\$ 5.45
	24" x 48"	\$ 53.33	8	1.25	10.0	\$ 1.12	\$ 54.45	\$ 5.45

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