

ACOUSTIC PANEL



METAL LINING SYSTEM

SIAC Acoustic Metal Lining sound absorption system are rectangular perforated metal modules for attachment to walls or for suspension from ceiling to reduce distracting echo or reverberation effects and thus create an acoustically softer, more pleasant ambience. Modules can be installed easily as individual units, in clusters, or in series. Perforation of holes shall be round, square or diamond in shaped.



To create a satisfactory acoustical environment with the SIAC metal lining system depends on specification of module quantity thickness area of installation and module arrangement. Due to higher sound absorption properties of the SIAC metal lining system, installation and material cost can be less than other system (eg. Timber strips or fabric panel) as few modules may be required to achieve desire results.

Sound absorption values per ASTM C423-65 shall not be less than the table shown below.

Octave Band Centre

Frequency, Hz	125	250	500	1K	2K	4K	NRC
50mm thickness	0.82	0.62	0.86	0.92	0.94	0.93	0.85

For further information regarding SIAC products and services, please visit our website

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