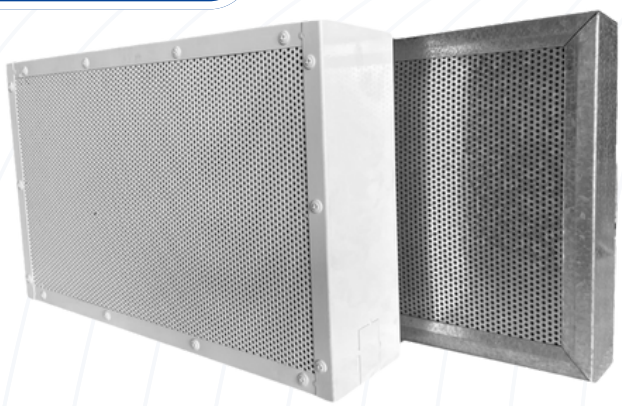
ACOUSTIC PERFORATED METAL PANEL

KINETICS
Acoustics Technical Services LLC

Kinetics APMP model, a highly durable acoustical absorption panels are the ideal solution to airborne noise problems in demanding environments.

Functional and aesthetically pleasing, APMP panels are ideal for controlling reverberant noise problems in MEP Plant rooms, Generator Rooms, Gymnasiums, Recreational Facilities, Multi-purpose Halls and Outdoor applications.



COMPOSITION

- Standard 0.7mm thick perforated Galvanized Steel or perforated Aluminium over Rockwool or Fiberglass absorption infill of 48 kg/m3 density.
- Various perforation patterns and thickness available to suit Acoustical, Architectural, Aesthetic requirements. Infill core has Black Glass Tissue with specified surface weight.

SIZE AVAILABILITY

- 1.2 m x 2.4 m x with 50mm and 100mm thickness standards.
- Available in customized dimensions as per site conditions, applications and various mountings.

FIRE RATING

- Core - Class A per ASTM E84, non-combustible
- Flame Spread Index : < 20
- Smoke Developed Index : < 5

ACOUSTIC PERFORMANCE

- Sound Absorption per ASTM C-423

CONSTRUCTION

- APMP panels are constructed from galvanized steel or aluminium perforated sheets. Infill core comprises of Rockwool or Fiberglass encapsulated with black glass tissue membrane in order to prevent fibre migration.
- The perforated metal face is powder coat painted in a variety of specified RAL colors as required. The Noise Reduction Coefficient (NRC) 0.90 means more reverberation control for a given coverage are when compared with other types of absorption panels.

TYPICAL APPLICATIONS

- Reverberant, noisy spaces where panels must resist damage from impacts, abrasion, or moisture.
- MEP Plant Rooms
- Generator Rooms
- Gymnasiums
- Recreational Facilities
- Multi-Purpose Rooms
- Outdoor Applications

MOUNTING & INSTALLATION

- Wall or Ceiling as per project Acoustic Requirement.
- Installation is to be carried out in accordance with APMP installation instructions.

Frequency, Hz	125	250	500	1000	2000	4000	NRC
Absorption Coefficient*	0.95	1.07	0.89	0.77	0.86	0.75	0.90

*100mm Thickness

+971 4 885 7361 www.kineticsgroup.ae sales@kineticsgroup.ae
DIRC Complex DIP-2, DUBAI, UAE