

Perforated Industrial Acoustic Panels



- High specification industrial sound absorbing panels for walls and ceiling linings. They are designed to reduce noise and reverberation problems in factories, plant rooms, workshops, test bays and other industrial environments. These panels are resistant to mild impact and are simple and quick to install. All component parts of the system can be modified on site to suit easy installation.
- These panels comprise of a mineral wool or acoustic foam absorbent core enclosed in an acoustic perforated steel tray sheet. This forms an acoustic panel which is both decorative and durable. All fixing channels are of light gauge steel. The absorbent core can also be encapsulated if required.

APPLICATION

These panels allow you to obtain excellent sound reduction combined with a tough durable perforated steel finish. Ideally suited for use in factories, machine rooms, test areas and workshops etc..

NOMINAL DIMENSIONS

Panels: 2500mm x 300mm.

Thickness: 25mm (50, 100mm and other thicknesses and sizes available on request).

U Channels: 2500mm in length.

FINISHES

Galvanised. White and other colours available on request.

NOMINAL WEIGHT

25mm thickness - 4Kg/m² (50mm thickness - 7Kg/m² and 100mm thickness - 10Kg/m²).

FIRE RATING

Perforated steel: Non-combustible. **Acoustic mineral wool:** Non-combustible **Acoustic foam:** Class1

INSTALLATION

Walls: Odd leg 'U' channels are plugged and screwed into the wall. Insert the panel into the top channel and push panel flush to the wall then lower into the bottom channel. Use bottom channels vertically as capping to cut wall ends.

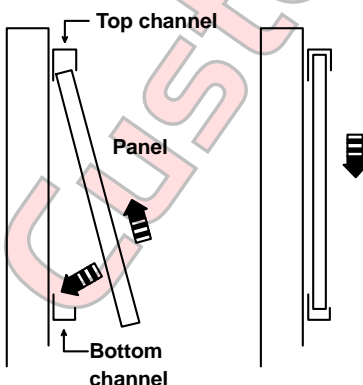
Ceilings: Odd leg 'U' channels are plugged and screwed to the soffit. Insert the panel into top channel and push panel flush to soffit - then slide into bottom channel. Use bottom channels as capping to cut ends. Use pop-rivets or screws to hold panels as required.

CUTTING

Perforated metal panel facing can be cut using metal snips and insulation core with a sharp knife.

MAINTENANCE: Panels can be wiped with a clean cloth

1. Insert panel into top channel and push panel flush to wall
2. Lower panel into bottom channel



ACOUSTIC PERFORMANCE

