HA/W Acoustic Baffle

Application
HA/W Baffles combine dramatic appearance with excellent acoustic performance. They allow the transformation of the acoustics of new and existing buildings whilst leaving the main features of the existing soffit exposed. Rectangular HA/W Baffles can be suspended vertically as a free hanging baffle system. Alternatively, larger HA/W Baffles – squares, discs and rectangles – are suspended horizontally as acoustic rafts either tight to the ceiling or on cables to create a 3D effect. The large panels are also designed for use as high level wall absorbers to complement roof mounted systems. Typical applications include conversion of existing high roof buildings, atria, office and schools with thermal mass ceilings, cafes, bars and restaurants.

Acoustic Performance
Performance is stated as the equivalent absorption area per HA/W Baffle suspended horizontally 400mm below the ceiling. Performance for baffles mounted closer together would be marginally reduced.

Description
HA/W Baffles are standard modules manufactured from a rigid acoustic glass fibre core panel. The face and all edges are specially reinforced and painted so that baffles can be viewed from all angles.

Installation
Vertical HA/W Baffles are installed from cables or are clipped to a grid system. Horizontal HA/W Baffles are suspended using SS cable hangers fixed to the soffit above. Alternatively, they can be fixed using concealed rigid brackets which allow tight up fixing or spaced fixing to the soffit or wall. Baffles can be installed at different levels and in overlapping patterns where this is a requirement. Perimeter trims are not required.

Finish
HA/W Baffles are painted front and rear and on all edges with white micro porous paint. A range of alternative colours is also available.

Cleaning
HA/W Baffles are cleaned by brushing, vacuum cleaning or sponging with warm water and mild detergent.

Fire Performance
All components of HA/W Baffles are rated Class 0 under UK Building Regulations.

Sizes
HA/W Acoustic Baffles are 40mm thick. Standard sizes are as follows:
- Square: 1200 x 1200
- Rectangles: 1200 x 2400, 1200 x 600 (vertical type), 1200 x 300 (vertical type)
- Discs: 1200 / 800 diameter

Equivalent Absorption Area per HA/W Baffle

- Rectangle 1200 x 2400
- Square 1200 x 1200
- Disc 1200 dia.

HA/W Squares mounted on atrium walls
**HAW BAFLE- INSTALLATION GUIDE**

Vertically Suspended Fixing:
- Corkscrew hook anchor
- Chain or cable suspension

Horizontally Suspended Fixing:
- Corkscrew hook anchor
- Chain or cable suspension

Direct Fixing to Wall or Ceiling:
- Zed clip
- Corkscrew anchor
- Wall bracket
- View on rear of baffle

VIA CLIPS AND BRACKETS