

NBS REF: K13 - Product Specification Sheet – AAS Optic Perforated Absorption Panels

Product:	AAS Optic Perforated Absorption Panels
Description:	Perforated absorption panels are manufactured in a range of perforation types to create a level of open surface area to enable the absorption of sound. Holes, grooves & slots are machined into a wide selection of decorative and functional finishes to create a stunning product
Key Advantages:	High performance product with a great degree design of flexibility Applications include Sports Halls, Lecture Theatres and Atriums Can be installed on walls & ceilings
Manufacturer:	AAS Projects & Design Ltd
Web:	www.acoustic-solutions.co.uk
E-Mail:	enquiries@asltd.co.uk
Tel:	Tel 01923 779377
Address:	AAS Projects & Design Ltd , Cedar Lodge, 60 Highfield Way, Rickmansworth, WD3 7PR
Product Ref:	Perforated Absorption Panels
Standard Sizes:	3000 x 1200mm & 2400 x 1200mm – thickness ranging from 12mm (Project specific sizes on request)
Face Finishes:	Veneer, low pressure laminates, painted, plain
Edges:	1 or 2mm Edge banding to match panel face (thickness 16mm)
Core Board:	Euro Class D MDF, Euro Class C MDF & Euro Class B MDF
Perforations:	Drilled holes (6, 8, 10 & 12mm) or routed slots and feature patterns
Hole Centres:	16mm, 32mm & 64mm (Project specific sizes on request)
Panel Jointing:	5 – 10mm spacing between panels spliced with jointing trim
Reverse:	Black open weave acoustically transparent fleece
Wall Mounting:	Split baton hanging methodology
Acoustic Performance:	Class D, C, B & A
Fire Resistance:	Class D Non-fire rated, Class 1 or Class O fire rated MDF core board
Mechanical Properties:	No live load is permitted
Cleaning:	Via vacuum / wet wiping as per recommend guidelines

Installation: In accordance with standard details / project specific specification

Technical Description

Panels are drilled, slotted or grooved in an endless range of perforation types and designs to create a performance product for any environment. The panels are mounted to walls and ceilings via a split baton system that creates a cavity for mineral wool insulation. The open surface area of the face perforations creates apertures for sound energy to travel through and be absorbed in the insulation filled cavity.

Typical Product Detail

