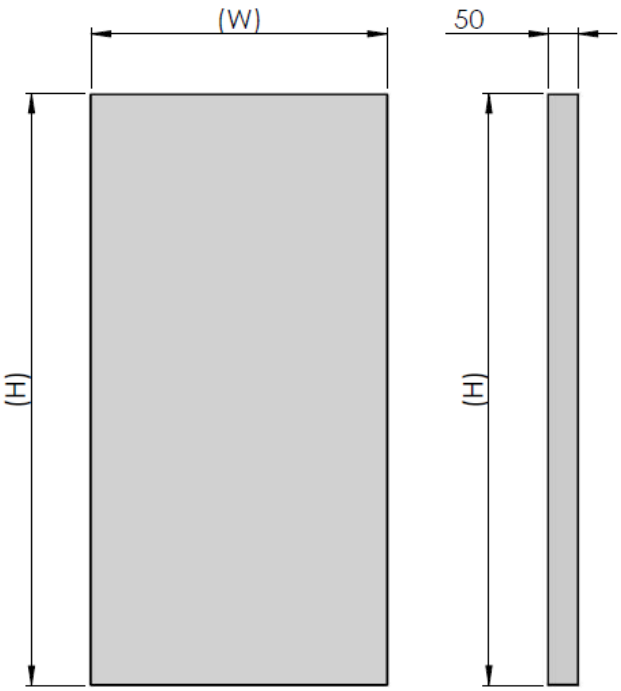
BASL AP50
Acoustic Panel

Bespoke Acoustic Solutions

www.bas-ltd.co.uk



SPECIFICATION
The BASL AP50 acoustic panel is constructed from pre-galvanised mild steel sheet profile cut and folded to required geometries to form a 50mm deep pocket outer tray encapsulating a non-hygroscopic, sound absorbent, rigid slab, resin bonded, fire resistant, mineral wool infill to required density to achieve acoustic performance stated, to EN 13162 and Euroclass A1 non-combustible.
The infill can be supplied unfaced, self-finished, or with either white/black non-woven tissue or clear melinex wrap to prevent fibre migration.
The acoustic infill is retained using either a galvanised mild steel perforated mesh or expanded metal mesh. All acoustic panels are of a robust, modular, structural element suitable for use in most environments.

FIXING DETAILS
Dependent upon requirements and application

WEIGHT
Actual weights are given on the equipment schedule.
Approximate weight: 15kg/m2.

STANDARD SIZES
Panels are manufactured to agreed sizes on order.

Finish
Can be supplied Mill Self Finish or Polyester Powder Coated to RAL/BS Colour.

Sound Reduction Indices (SRI's) were obtained from test at Salford University to BS EN ISO 10140-2:2010.

Other panel performances are available.

Frequency Hz	63	125	250	500	1k	2k	4k	8k	Rw
SRI dB	15	18	21	29	40	48	53	46	33
Absorption Coeff's	0.1	0.35	0.82	0.9	0.95	1	1	0.82	
Weight			15kg/m2						

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Available Options :
Stainless Steel Construction
Aluminium Construction
Flange Fix
Channel Fix
Fixing Lugs