

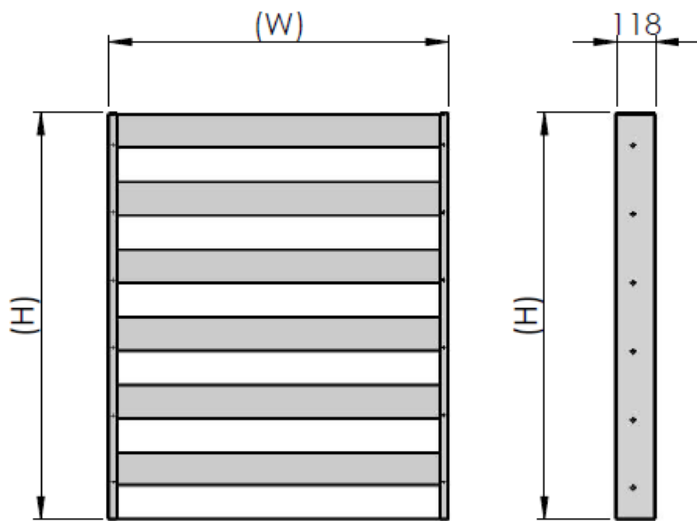
BASL100 SP

Acoustic Louvre



www.bas-ltd.co.uk

July 2024



WIDTH (W) AND HEIGHT (H) DIMENSIONS GIVEN ON THE EQUIPMENT SCHEDULE ARE AS MANUFACTURED. ADEQUATE CLEARANCE MUST BE ALLOWED WHEN CONSTRUCTING THE BUILDERSWORK OPENING. A MINIMUM CLEARANCE OF 10 mm ALL ROUND IS RECOMMENDED. WHERE WINDPLATES ARE USED PLEASE CONSULT THE OFFICE FOR SPECIFIC RECOMMENDATIONS. LOUVRES WILL BE SUPPLIED WITHOUT SUPPORT STEELWORK, CLEATS, BRACKETS, FIXINGS, FLASHING, MASTIC, OR OTHER SUCH ITEMS, UNLESS OTHERWISE STATED. EXCESSIVELY LARGE OR HEAVY LOUVRES MAY BE MANUFACTURED AS MULTI MODULE SECTIONS FOR EASE OF HANDLING. LOUVRES ARE MANUFACTURED TO STANDARD SHEET METAL TOLERANCES OF +/- 3mm.

SPECIFICATION
LOUVRES ARE CONSTRUCTED FROM FOLDED SHEET METAL AND HAVE A SERIES OF HORIZONTAL BLADES CONTAINED WITHIN TWO SIDE FRAMES.
THE MATERIAL OF CONSTRUCTION MAY BE PRE-GALVANISED STEEL, ALUMINIUM OR STAINLESS STEEL. LOUVRE BLADES HAVE LOWER/REAR FACES OF PERFORATED SHEET METAL, CONTAINING A FIBROUS SOUND ABSORBENT INFILL THAT IS NON-SHEDDING, NON-COMBUSTIBLE, NON-HYGROSCOPIC AND CHEMICALLY INERT. THE INFILL IS CAN BE FACED WITH GLASS CLOTH TO MINIMISE FIBRE MIGRATION. GALVANISED BIRD SCREENS OR NYLON COATED INSECT MESH CAN BE FITED TO THE REAR OF THE LOURVE IF REQUIRED. CASING SIDES ARE PROVIDED WITH 11mm DIA HOLES FOR FIXING ADJACENT SECTIONS TOGETHER, OR FIXING THE LOUVRE INTO THE BUILDERSWORK OPENING. LOUVRES ARE SUPPLIED SELF FINISH AS STANDARD OR WITH AN OPTIONAL POLYESTER POWDER FINISH TO A STANDARD RAL/BS COLOUR.

Sound Reduction Indices (SRI's) obtained from test at Salford University to BS EN ISO 10140-2 : 2010.
SRI is equivalent to the Transmission Loss of the Louvre.

Frequency Hz	63	125	250	500	1k	2k	4k	8k	Rw
SRI dB	4	4	5	6	9	12	12	11	8
Face Velocity m/s	0.5	0.75	1	1.25	1.5	1.75	2.0	2.25	2.5
Pressure Drop Pa	3	7	12	19	27	36	48	60	74
Weight	21kg/m2								
Visual Free Area *	50%								
Actual Free Area	34%								

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Available Options :
Peripheral Flanges
Birdguard / Insect Mesh
Single / Double Door sets
Rain Rejection Module
Inclined or Sloping Louvres