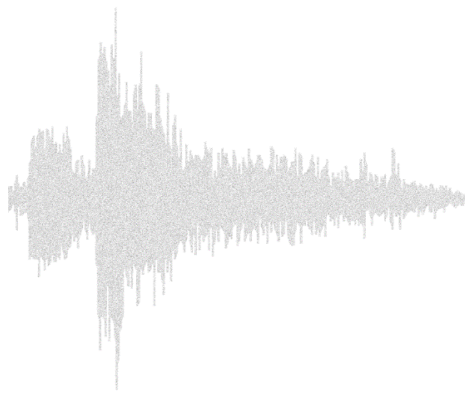




AES

Acoustic Engineering Services (UK) Ltd

The Redwood Suite
Guardian House
Borough Road
Godalming
Surrey
GU7 2AE
01932 352 733
01483 495 963
info@aesuk.co.uk
www.aesuk.co.uk

ACOUSTIC LOUVRES

AES Acoustic Louvres provide an effective weather barrier with high acoustic performance and the aesthetically pleasing appearance of a conventional weather louvre. Typical applications would be for air conditioning plant rooms, compressor and generator housings and acoustic screening where it is necessary to allow the passage of air whilst controlling noise emission.

Construction Specification

Standard construction is pre-galvanised steel, which can be provided plain, polyester powder painted, or plastisol coated. Alternative constructions include aluminium, zinc, copper and stainless steel.

Our range consists of two standard types: the single bank which is 270mm deep and the double bank at 540mm deep. Both types have been independently performance tested to BS: 2750 and BS: 4718.

Acoustic Performance

Frequency	Hz	63	125	250	500	1k	2k	4k	8k
AEL1 SRI dB		5	5	6	11	19	21	17	15
AEL2 SRI dB		6	7	10	19	31	34	32	30

Aerodynamic Performance

	Face Velocity	Pressure drop
AEL1	0.5m/s	5Pa
AEL1	1.0m/s	16Pa
AEL1	1.5m/s	37Pa
AEL1	2.0m/s	65Pa
AEL2	0.5m/s	8Pa
AEL2	1.0m/s	32Pa
AEL2	1.5m/s	65Pa

