

SL150 ACOUSTIC LOUVRE

Refer to drawings : Manufacturer and reference: IAC Ltd IAC House Moorside Road Winchester, Hampshire SO23 7US Tel : 01962 873000 Contact: Gill Budd gill.budd@iacl-uk.com Email: www.iac-noisecontrol.com/uk IAC Slimshield SL150 Louvres **Product Reference:** Construction: Galvanised Steel sub frame. Each frame to be fabricated from a 1.2mm thick steel sheet manufactured to suit louvre size. Louvre blades The underside of the blade is manufactured from 0.7mm thick perforated galvanised steel. Perforated with 3mm Ø holes on 5mm centres giving 32% open area. Top of Blades 0.8mm galvanised steel sheet. Assembled using 4.8mm Ø pop rivets. Absorption: Blades to be filled with Rockwool RWA 45 cut to suit. **Colour/Finishes:** Frame and perforated steel blades to be polyester powder painted to RAL colours to suit. **Acoustic Rating:** Octave Band Centre 63 125 250 500 1k 2k 4k 8k Frequency (Hz) Transmission Loss 6 6 8 10 14 18 16 15 (dB) Acoustic Rating Rw15dB / Dnew21dB

Aerodynamic Performance:

Static Pressure Drop (N/m²)	10	20	30	40	50	60	70	80	90	100
Face Velocity (m/s)	0.53	0.73	0.90	1.04	1.16	1.28	1.37	1.47	1.56	1.64
Nominal Free Area	32%*				* Average over louvre depth					
Aerodynamic Coefficient	61.93k									