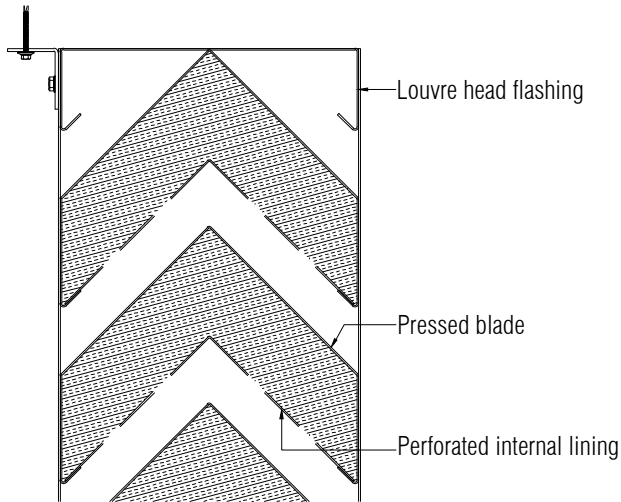
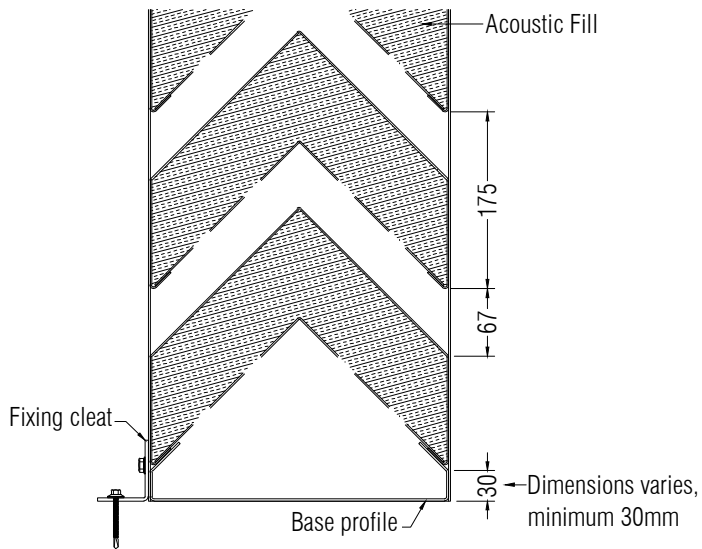


# QEF AC150 D/B ACOUSTIC LOUVRE PANEL FORMAT



QEF AC150 D/B Louvre Head Detail



QEF AC150 D/B Louvre Base Details

Acoustic Performance to BS EN ISO 10140-2:2010.

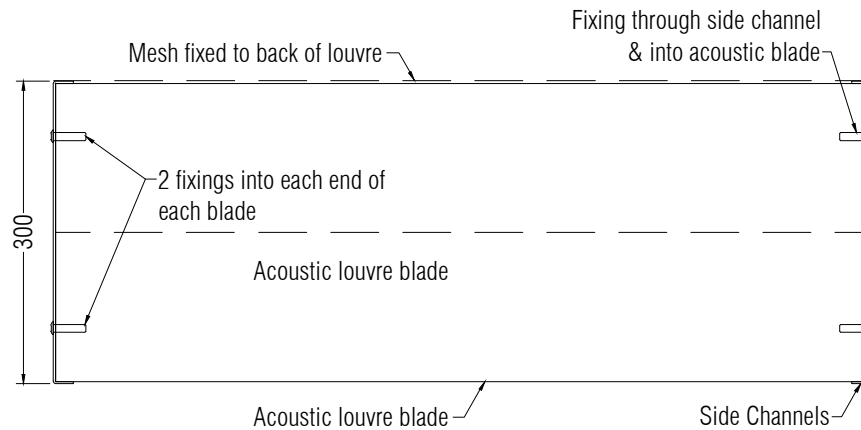
SRL Test Report No: C/23553/T01

Octave Band Centre Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
Transmission Loss (dB)	11.5	5.1	9.0	12.1	18.8	21.9	24.1	25.7
Acoustic Rating	Rw 18 dB							

Aerodynamic Performance to BS EN ISO 13030:2001.BSRIA Test Report No:

59986/4

Face Velocity (m/s)	0.60	0.81	1.06	1.26	1.48	1.79	2.32	2.74	3.08	3.19
Pressure Drop (Pa)	9.9	19.0	32.8	46.8	65.5	96.5	165	231	295	315
Coefficient Ce and Class	0.143 Class 4									



QEF AC150 D/B Louvre Plan view

## Specification

**Manufacture & Reference:** QEF AC150 Double Bank Acoustic Louvre System, supplied and installed by QEF Ltd.  
Tel: +353 (0)56 776 4910  
Email: sales@qefltd.ie

**Description:** Double bank aluminium acoustic louvre with casement surround, panel format, fixed to structure with adjustable galvanised steel or S/S cleats.

**Blade pitch:** 175mm

**Material:** Available in aluminium, galvanised and colourcoat steel.

**Acoustic Fill:** Polyester Fibre.

**Finish:** Polyester powder coated to RAL or BS colour, in matt, satin or gloss finishes

**Dimensions:** All Louvres are bespoke to clients needs

**Performance:** Acoustic performance as per table. Nominal Free Area = 38%. Free Area at 1m high = 27%

**Fixing:** All structural support by main contractor

**Accessories:** Bird / insect mesh, blanking / insulated blanking plate to rear. Single / Double doors.

## Performance Classification

Limiting Face Velocity	Rating
0m/s Vent	C4
0.5m/s Vent	C4
1.0m/s Vent	C4

Results provided by BSRIA Limited against BSEN 13030



Commercial Centre  
Dublin Road  
Kilkenny  
Tel: +353 (0)56 776 4910  
Fax: +353 (0)56 776 1557  
Website: www.qefltd.ie  
Email: sales@qefltd.ie

Drawn: RAB	Date: 14/03/2018	Scale: NTS
Org.No: AC150/DB/PF	Rev: B	