

AC Series Acoustic Louvre Product Data Sheet



Application and Typical Details:

The AC Series Acoustic Louvre is a multi-purpose louvre which permits the flow of air whilst minimising the noise from mechanical plant into the environment. The AC series acoustic modules fulfil a wide range of performances.

By using the AC series the benefits include a smaller footprint within the building compared to similar acoustic manufacturers. When combined with our UL screening / weathering louvre systems they meet the high level of architectural standards expected of a modern day building.

By using galvanised steel construction together with inert vermin proof, non-combustible acoustic infill and an optional Polyester Powder Coat finish the system meets superior high frequency performance ideal for use with ventilation systems and acoustic noise barriers / plant screens.

Comprising profiled blades formed from solid outer skin and perforated inner. Blades will be packed with an inorganic infill to at least 47Kg/m³ and compressed to not less than 5% to eliminate voids.

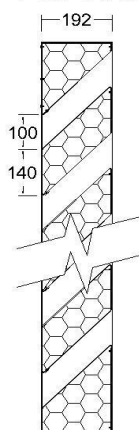
All AC series acoustic louvres offer a 32% MFA.

Certified Performance Data: Sound Reduction Index

Sound level reduction (dB) at octave band center frequency (Hz)

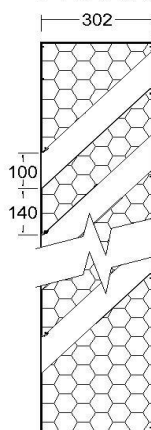
	63	125	250	500	1K	2K	4K	8K	Rw
AC190	5	4	6	10	16	16	13	12	14
AC300	4	5	8	15	23	22	16	14	19
AC380	7	7	12	19	25	29	26	27	22

AC190



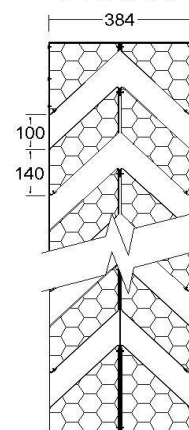
35Kg/m²

AC300



50Kg/m²

AC380



65Kg/m²

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