

# *JC ACOUSTICS LTD*

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## ACOUSTIC LOUVRE SPECIFICATION

### Casing

Acoustic louvre casings are constructed from 1.2mm thick pre-galvanised sheet steel. They are formed from four pre-fabricated tray sections which are firmly secured in place via concealed rivet fixings.

### Blades

The profiled blades are fabricated from 1.0mm thick pre-galvanised sheet steel, which are held in place via concealed rivets of 2260N/m minimum shear strength.

### Acoustic Infill

Air passing blades are infilled with “Rockwool” acoustic media; a mineral based material with a density of 45kg/m<sup>3</sup>. Rockwool is completely inert, does not harbour bacteriological growth, and has been tested in accordance with BS476 Parts 4, 6 and 7.

The material is faced with a glass scrim cloth and retained in place behind 0.7mm thick perforated sheet steel. This arrangement prevents the erosion acoustic fibres into the airstream at operating passage velocities, and renders the infill highly resistant to mechanical damage.