

## N.B.S. FORMAT SPECIFICATION



### ACOUSTIC LOUVRE – AC190

| <b>Company:</b>               | ALPS Ltd<br>Downley Road<br>HAVANT<br>Hampshire<br>PO9 2NJ<br>Tel. 02392 480055<br>Fax. 02392 480099   |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
|-------------------------------|--|-----|-----|-----|-----|-----|----|----|----|----|-------|---|---|---|----|----|----|----|----|
| <b>Contact</b>                | info@alpslouvres.co.uk (tel: 02392 480055)   |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Product Reference</b>      | ACOUSTIC LOUVRE TYPE AC190   |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Material</b>               | All principal components manufactured from: Galvanised mild steel - please also see Alternative Materials below.   |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Blade pitch and angle</b>  | 240mm @ 45 degrees   |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Number of louvre banks</b> | 1 (Single bank) – Modules are 190mm deep.  |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Special Features</b>       | Louvre blades shall comprise of solid outer skin and perforated inner skin. Blades will be packed with inorganic, non-flammable, rot & vermin proof mineral wool type infill. The infill will have a density of at least 45kg/m <sup>3</sup> and be compressed to not less than 5% (to eliminate voids).<br><br>Sound level reduction (dB) at octave band centre frequency (Hz)<br><table border="1"><thead><tr><th></th><th>63</th><th>125</th><th>250</th><th>500</th><th>1K</th><th>2K</th><th>4K</th><th>8K</th></tr></thead><tbody><tr><th>AC190</th><td>5</td><td>4</td><td>6</td><td>10</td><td>16</td><td>16</td><td>13</td><td>12</td></tr></tbody></table> |     | 63  | 125 | 250 | 500 | 1K | 2K | 4K | 8K | AC190 | 5 | 4 | 6 | 10 | 16 | 16 | 13 | 12 |
|                               | 63   | 125 | 250 | 500 | 1K  | 2K  | 4K | 8K |    |    |       |   |   |   |    |    |    |    |    |
| AC190                         | 5  | 4   | 6   | 10  | 16  | 16  | 13 | 12 |    |    |       |   |   |   |    |    |    |    |    |
| <b>Decorative Finish</b>      | Decorative finish: Mill finish (unpainted) / Stoved polyester powder paint (from ALPS standard colour chart).  |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Coverage</b>               | Partial (solid outer blade skins, head frame, jamb frames and cills are painted. Remaining items – including the inner perforated blade skin will be mill finish - unpainted).   |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Accessories</b>            | Optional extras (additional cost): Bird mesh / Insect Mesh / Blanking Panel / Insulated Blanking Panel / Mitred Corners / Louvred Doors.   |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |
| <b>Alternative Materials</b>  | Optional extras (additional cost): Aluminium (please be aware that changing to aluminium will have a detrimental effect on the sound transmission figures given above).  |     |     |     |     |     |    |    |    |    |       |   |   |   |    |    |    |    |    |