

N.B.S. FORMAT SPECIFICATION – ACOUSTIC LOUVRE AC300

| Company: | ALPS Ltd Downley Road HAVANT Hampshire PO9 2NJ Tel. 02392 480055 Fax. 02392 480099 | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|-----|-----|-----|-----|-----|----|----|----|----|-------|---|---|---|----|----|----|----|----|
| Contact | info@alpslouvres.co.uk (tel: 02392 480055) | | | | | | | | | | | | | | | | | | |
| Product Reference | ACOUSTIC LOUVRE TYPE AC300 | | | | | | | | | | | | | | | | | | |
| Material | All principal components manufactured from: Galvanised mild steel - please also see Alternative Materials below. | | | | | | | | | | | | | | | | | | |
| Blade pitch and angle | 240mm @ 45 degrees | | | | | | | | | | | | | | | | | | |
| Number of louvre banks | 1 (Single bank) – Modules are 300mm deep. | | | | | | | | | | | | | | | | | | |
| Special Features | 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 ³ and be compressed to not less than 5% (to eliminate voids). Sound level reduction (dB) at octave band centre frequency (Hz) | | | | | | | | | | | | | | | | | | |
| | <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>AC300</th> <td>4</td> <td>5</td> <td>8</td> <td>15</td> <td>23</td> <td>22</td> <td>16</td> <td>14</td> </tr> </tbody> </table> | | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K | AC300 | 4 | 5 | 8 | 15 | 23 | 22 | 16 | 14 |
| | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K | | | | | | | | | | | |
| AC300 | 4 | 5 | 8 | 15 | 23 | 22 | 16 | 14 | | | | | | | | | | | |
| | ALPS AC300 provides an overall weighted sound reduction of 19dB RW. | | | | | | | | | | | | | | | | | | |
| Decorative Finish | Decorative finish: Mill finish (unpainted) / Stoved polyester powder paint (from ALPS standard colour chart). | | | | | | | | | | | | | | | | | | |
| Coverage | 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). | | | | | | | | | | | | | | | | | | |
| Accessories | Optional extras (additional cost): Bird mesh / Insect Mesh / Blanking Panel / Insulated Blanking Panel / Mitred Corners / Louvred Doors. | | | | | | | | | | | | | | | | | | |
| Alternative Materials | Optional extras (additional cost): Aluminium (please be aware that changing to aluminium will have a detrimental effect on the sound transmission figures given above). | | | | | | | | | | | | | | | | | | |