



## **Product Specification of Decibel Ceiling Premium Wooden Acoustic Slats**

### **Description:**

Providing and fixing **Decibel Ceiling** Wood Perforated Slats of width 294mm, thickness of 15mm and length of 2435mm or as required by the Architect / approving engineer, made of a medium density fiber board to substrate with laminated facing as per the approved shade / species and finish and a melamine balancing layer over the reverse side and also having round perforations of 8mm. The board shall have a special perforated pattern where the visible surface has a ("Helmholtz" fluted perforation of 3mm width and 21mm visible panel) each. Tolerance (+- 1mm).

### **Installation:**

Install wooden battens/GI Section of section 50X50mm if needed or as approved by the Architect on the solidwall horizontally using screws and plugs on spacing on 600mm centre-to-centre. Screw the provided aluminum extruded keel over the lowest second wooden batten at an on-centre distance of 600mm. Install the first set of wooden panels by inserting the clips for border and insert the groove of panel into projecting the flange of aluminum clip. Continue installing rows of panels by inserting the tongue into the groove of earlier inserted panel and progressively installing clips for inside into the next keel till the actual height is achieved. Use clips for the border to finish off the installation. Rockwool 50 mm of 48 Kg/m<sup>3</sup> is in field on the back of wooden panels to get NRC. 0.9.