

# POLYSORB - DECO

## ACOUSTIC CEILING CLOUD

**ASI** | ACOUSTICAL  
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## POLYSORB-DECO

### ACOUSTIC CEILING CLOUD

Acoustically enhanced decorative baffles not only improve the acoustic quality of the space it is installed, but also improve the aesthetics of the same space. Due to its type of installation it is recommended for spaces where wall treatment is a concern. Used in cafeterias, multipurpose halls, stadiums etc.



## PRODUCT SPECIFICATIONS

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| Core                | 40kg/m <sup>3</sup> density Polymax Polyester insulation                    |
| Thickness (mm)      | 40 – 50 mm, custom thickness are also available                             |
| Sizes (mm)          | 600 x 600 - 600 x 1200 - 1200 x 1200 - 1200 x 2400 & many more custom sizes |
| Acoustic Properties | NRC 0.75 – 1.15 (varies with thickness and mounting)                        |
| Edges               | Edge Exposed                                                                |
| Edge Finishes       | Square                                                                      |
| Facing              | Nonwoven Fabric                                                             |
| Colours             | Wide range of standard colours. Also available in custom colours            |
| Flamability         | Tested as per ASTM E84 and classified as Class A                            |
| Mounting type       | Type J                                                                      |
| Installation        | Suspension kit                                                              |

## SOUND ABSORPTION COEFFICIENTS

| Thickness | 125Hz | 250Hz | 500Hz | 1KHz | 2KHz | 4KHz | NRC  |
|-----------|-------|-------|-------|------|------|------|------|
| 40mm      | 0.17  | 0.71  | 0.75  | 0.82 | 0.88 | 0.81 | 0.75 |
| 50mm      | 0.22  | 0.81  | 1.24  | 1.30 | 1.21 | 1.16 | 1.15 |