



Dimensional Cloud for libraries

Dimensional Baffle & Dimensional Cloud

Dimensional Baffle (DB) and Dimensional Cloud (DC) are free-hanging acoustic ceiling panels designed to absorb reverberated noise in a localized area. Hung either horizontally (DC), vertically (DB) or installed as a panel (DP), Dimensional Acoustics™ offers a high level of design flexibility. Manufactured from fiberglass wool, Dimensional Acoustics™ is a sustainable, lightweight, safe, and effective way to reduce unwanted echo in offices, schools, healthcare facilities and gymnasiums.

Key Benefits and Features

- Easy to install with spiral hooks and adjustable wire hangers
- Easy to clean
- Lightweight and stable
- Available in paint and wood-grain print colors
- Safe, free of harmful VOCs
- Reflects up to 85% of light
- Will not be affected or warped by moisture
- Will not rot or breakdown over time, providing long-term stability and performance



Dimensional Cloud for multipurpose spaces



Dimensional Baffle for office

Product Specifications

Product Name Dimensional Acoustics™ Series
 Product ID 1013 Paint Finish
 1014 Wood-Grain Print Finish

Content 100% Fiberglass

Thickness
 Dimensional Cloud 30 mm and 40 mm
 Dimensional Baffle 40 mm and 50 mm

Flammability

EN 13501 B-s2, d0
 ASTM E84 Class I or A
 GB 8624 A2-s1, d0

Acoustic Performance

Dimensional Acoustics are specifically designed to reduce and control reverberated (echo) noise in building interiors, with a minimum NRC of 0.90.

Noise Reduction Coefficient

ISO 354 NRC 0.90 (direct placement)
 NRC 0.95 (with 200 mm gap)

Custom Colors

Custom paint colors and wood grain prints are available, but may require a minimum order quantity. Please contact your Innovasia sales representative for specifics.

Care and Maintenance

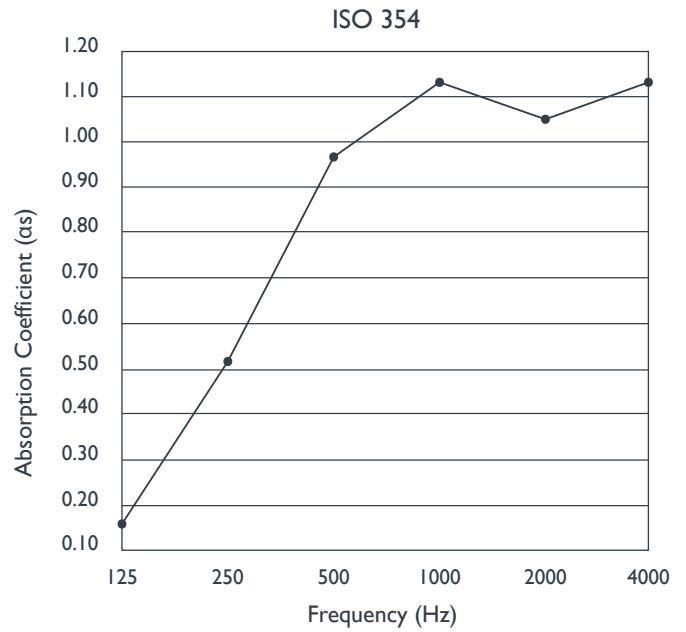
Remove spills immediately using a clean, damp cloth. Wipe or lightly vacuum to remove dust.

For Specifiers:

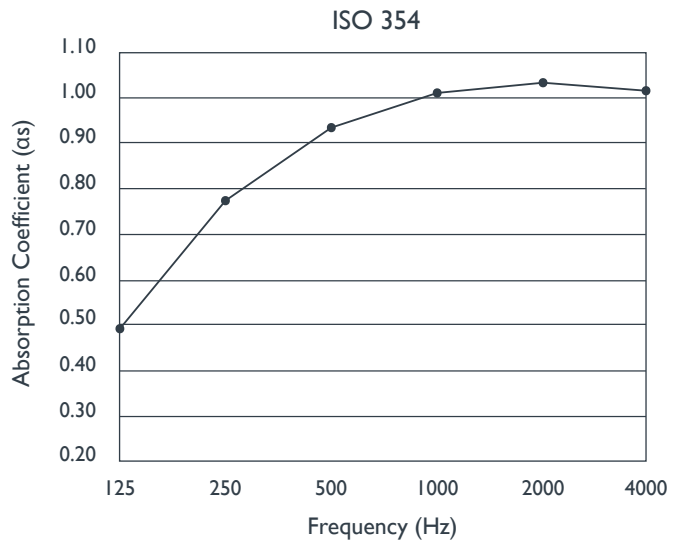
Acoustic ceiling system shall be Innovasia Dimensional Acoustics™ rigid, bonded sound insulation panel composed of 100% glass wool with Noise Reduction Coefficient of not less than 0.90 (ISO 354) and fire resistant to EN 13501, which meets class B-s2, d0. Installation according to Innovasia Acoustics recommended installation instructions.



Dimensional Cloud for multipurpose spaces



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
40 mm (direct placement)	0.16	0.52	0.97	1.13	1.05	1.13	0.90



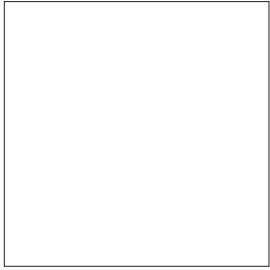
Frequency (Hz)	125	250	500	1000	2000	4000	NRC
40 mm (with 200 mm gap)	0.49	0.77	0.93	1.01	1.03	1.02	0.95



Dimensional Baffle for schools

I013 Paint Finish:

Standard Colors:



Whitecap

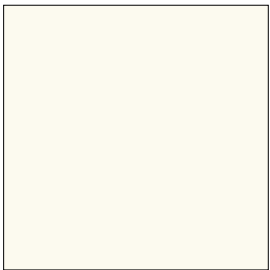


Gris

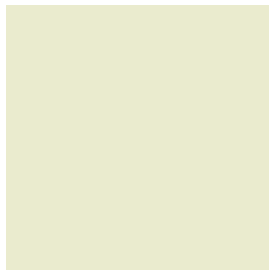


Sumi

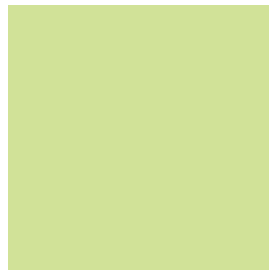
Premium Colors:



Alabaster



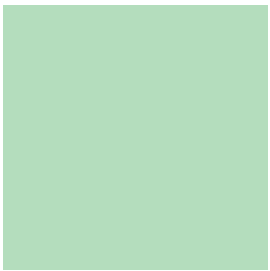
Beige



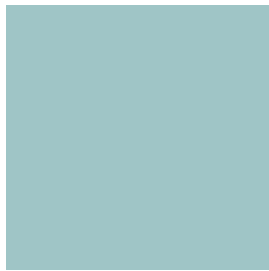
Pistachio



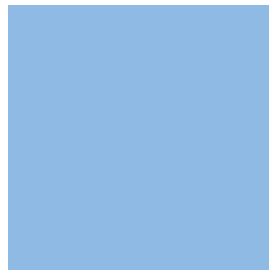
Sundance



Iced Mint



Bay Blue



Cornflower



Zinc

I014 Wood-Grain Print Finish:

Standard Colors:



Light Maple



Light Bamboo



Dark Bamboo



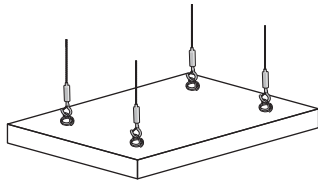
Oak



Standard Shapes and Dimensions:

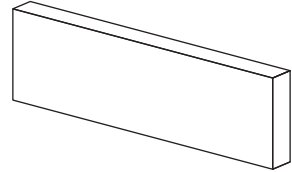
Rectangle (DC)

- 600 mm x 1200 mm
- 600 mm x 1800 mm
- 600 mm x 2400 mm
- 1200 mm x 1800 mm
- 1200 mm x 2400 mm



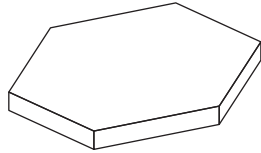
Rectangle (DB)

- 200 mm x 1200 mm
- 200 mm x 1800 mm
- 200 mm x 2400 mm
- 300 mm x 1200 mm
- 300 mm x 1800 mm
- 300 mm x 2400 mm



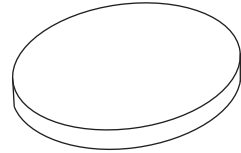
Hexagon (angle to angle)

- 600 mm
- 800 mm
- 1000 mm
- 1200 mm



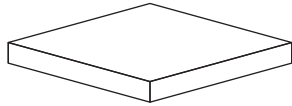
Circle (diameter)

- 600 mm
- 800 mm
- 1000 mm
- 1200 mm



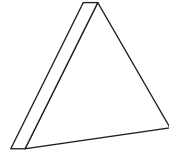
Square (length of each side)

- 600 mm x 600 mm
- 800 mm x 800 mm
- 1000 mm x 1000 mm
- 1200 mm x 1200 mm



Triangle (length of each side)

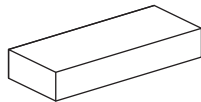
- 800 mm
- 1000 mm
- 1200 mm



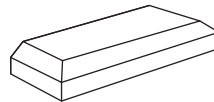
Custom shapes and sizes can be produced upon request. Contact your Innovasia sales representative for more information.

Edge Options:

Square



Bevel*



*Not available for circle



Dimensional Baffle with wood-grain print finish