

Acoustic Cloud

Acoustic clouds provide sound absorption using integrated geometric shapes. Available in our full range of colors, the acoustic clouds can be customized upon request. Additionally, they can be combined with wall tiles to create a seamless flow from ceiling to wall.



Technical Drawing

6 standard shapes available in 2 sizes:

31" (787 mm) × 31" (787 mm) – maximum

41" (1041 mm) × 41" (1041 mm) – maximum height

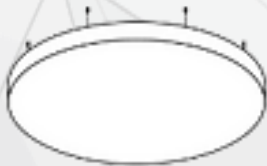
Thickness:

2" (51 mm)

3/8" (9 mm) | ± 0.5 mm

1/2" (12 mm) | ± 0.5 mm

Fully customizable.



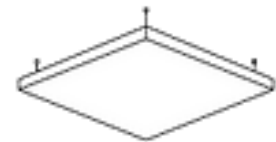
cercle



Hexagone



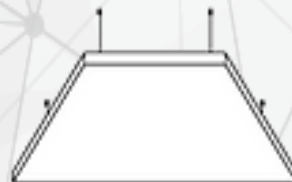
Carré



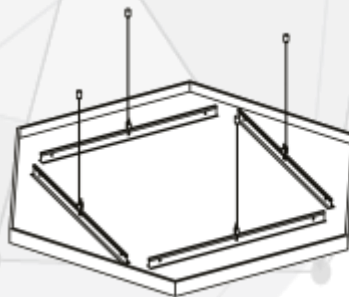
Losange



Triangle



Trapèze



Technical Details

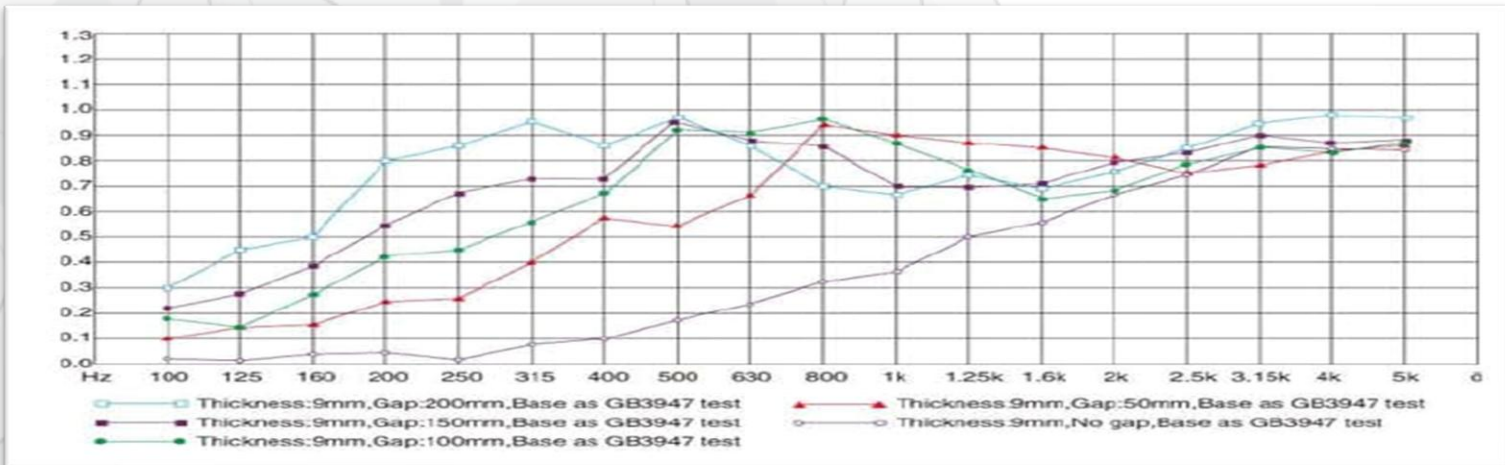
Material

Made of 100% polyester

Acoustic Reference

ASTM E84-CLASS A Acoustic Test Result : NRC 0.90

Fréquence/Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	A	NRC
Sans cavité	0.01	0.01	0.01	0.03	0.05	0.07	0.11	0.2	0.25	0.4	0.46	0.55	0.61	0.69	0.78	0.82	0.89	0.34	0.35
Cavité 50mm	0.09	0.1	0.14	0.21	0.25	0.37	0.51	0.7	0.82	0.9	0.99	0.99	0.99	0.98	0.89	0.82	0.92	0.62	0.7
Cavité100mm	0.18	0.23	0.34	0.44	0.49	0.71	0.87	0.9	0.96	1	0.99	0.89	0.75	0.78	0.93	0.87	0.92	0.72	0.8
Cavité150mm	0.29	0.39	0.5	0.66	0.85	0.89	0.95	1	0.98	0.9	0.8	0.73	0.87	0.9	0.88	0.87	0.91	0.79	0.9



Surface Finish

Both sides, A and B, are identical; however, to ensure consistency, it is recommended that all visible surfaces be either all "A" or all "B" when installed side by side.

Weight

9 pounds per 4'x8' panel

Application

For indoor use only.

Manufacturing

Utility knife and CNC with oscillating blade

Installation

Please visit evolutionacoustique.com for full installation details.

Fire Rating

ASTM-E84-CLASS A CLASSIFICATION

Properties

Impact resistant, bacteria resistant, and mold resistant.

Temperature

Maximum temperature exposure is 240°F (115°C).

Environment

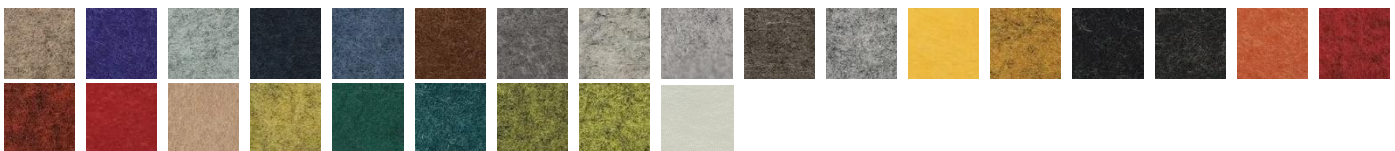
The panels are fully recyclable and made from 100% recycled material.

Color chart

9mm



12mm



www.evolutionacoustique.com/couleurs