

Wall Panels

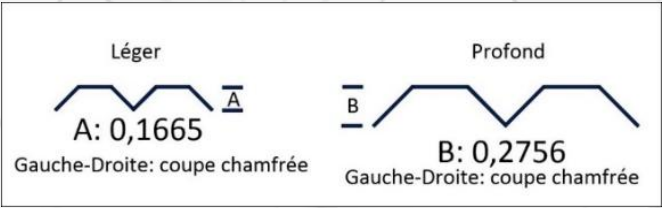
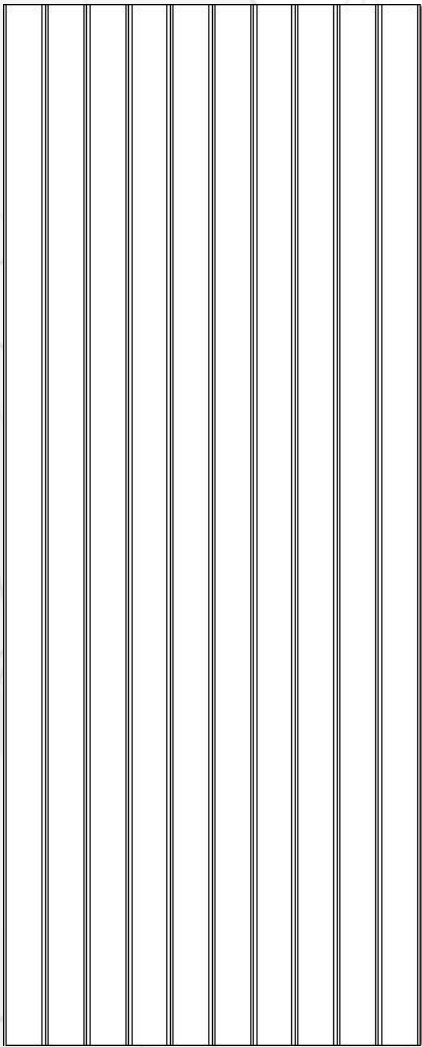
Vertical

The Vertical acoustic panel features a series of precisely arranged vertical V-grooves running the full height of the module. Each bevel enhances the panel's visual depth while improving the dispersion of sound waves. This regular pattern combines refined aesthetics with technical performance, helping to reduce echo and control reverberation. With its structured, elegant design, the panel integrates seamlessly into both contemporary and professional spaces, bringing rhythm, relief, and acoustic comfort to the environment.



Technical Drawing

Panel dimensions may vary (47 ¼" to 48")



Width	46.5 inches
Height	107 inches
Thicknesses	12mm, 22mm
Colors	Depending on thickness
Grid	5,8125 x 23,25
Left–Right	Beveled Cut
Top–Bottom	Beveled Cut
Floor Cut	Straight Cut

Technical Detail

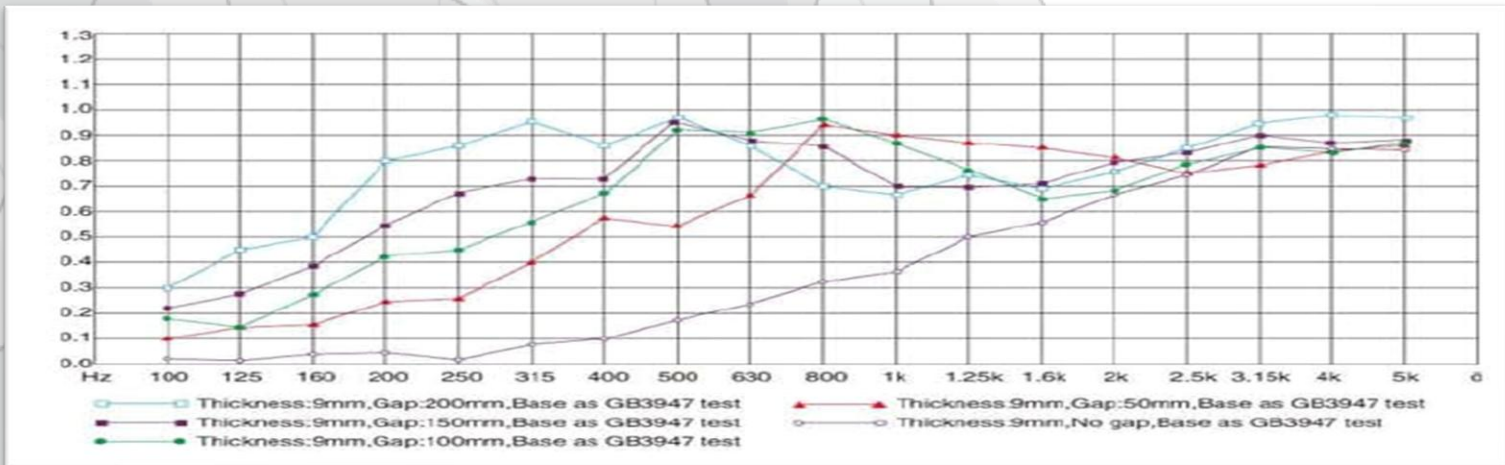
Material

Made of 100% polyester.

Acoustic Specification

ASTM E84-CLASS A Acoustic Test Results : 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 panel sides (A and B) are identical. However, for visual consistency during installation, all panels placed side by side should be oriented with the same surface (either A or B).

Weight

- Approx. 9 lbs per 4' × 8' panel (3/8" thickness)
- Approx. 16 lbs per 4' × 8' panel (1/2" thickness)

APPLICATION

Indoor use only.

FABRICATION

Utility knife and CNC with oscillating knife.

INSTALLATION

Visit evolutionacoustique.com for full installation instructions.

Fire Rating

ASTM-E84-CLASS A CLASSIFICATION
CLASSIFICATION/CAN-ULC/S102

Properties

Impact resistant, bacteria resistant, and mold resistant.

TEMPERATURE

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

ENVIRONNEMENT

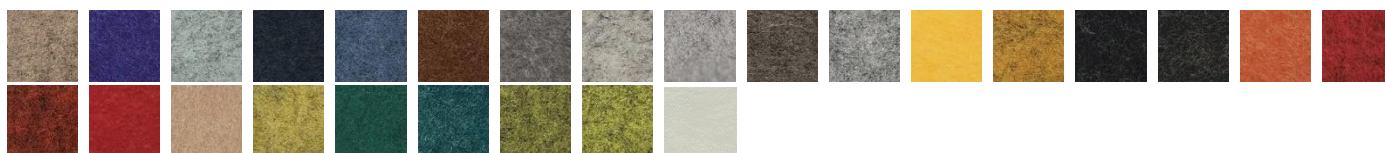
The panels are fully recyclable and made from 100% recycled material.

Color Chart

9mm



12mm



www.evolutionacoustique.com/couleurs