

LARGE WAVE PANELS | ACCENT SERIES



TECHLITE® Large Wave Panels

TECHLITE® Large Wave Panels provide maximum sound absorption for a wide range of applications. Available in a variety of thicknesses to suit your application, the curved geometry provides exceptional performance and visual interest. The TECHLITE® foam used to manufacture TECHLITE® Large Wave Panels also has advantages such as being lightweight, easy to install, and providing comprehensive sound absorption, even at very high frequencies. TECHLITE® Large Wave Panels offer design versatility and are able to be installed vertically or horizontally.

BENEFITS

- Absorbs and reduces noise
- Very low-density / lightweight
- Excellent thermal properties
- Class A fire-rated (ASTM E 84)
- Easy to install

USES AND APPLICATIONS

- Offices
- Governmental facilities
- Restaurants
- Entertainment facilities
- Transportation hubs
- Religious facilities

SIZES/COLORS

- 48" x 96" panel with thicknesses of 2", 2 1/2" and 3"
- Natural White or Light Grey
- Other Color Options Available

PHYSICAL PROPERTIES

Material	TECHLITE® Flexible Open-Cell Melamine Foam
Service Temp	-40°F to 350°F
Density	Light Grey 0.56 ± 0.09 lb/ft ³ White 0.47 ± 0.13 lb/ft ³
Fire Rating	Class A per ASTM E 84
Finish	White or Light Grey

Sound Absorption Coefficient [Sabins / ft ²]										
Finish	Thickness [in]	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type
White	2.00	0.15	0.46	1.01	0.98	1.02	1.04	0.89	0.85	A
	2.50	0.28	0.69	1.19	1.06	1.09	1.07	1.00	1.00	A
	3.00	0.35	0.88	1.24	1.05	1.06	1.06	1.06	1.05	A

Total Absorption [Sabins / Baffle]										
Finish	Thickness [in]	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	Apparent SAA*	Apparent NRC*	Mounting Type
White	2.00	8.00	17.12	40.53	54.60	58.51	60.88	1.34	1.35	J
	2.50	10.06	20.64	48.28	57.38	61.23	63.36	1.47	1.45	J
	3.00	10.98	25.88	54.86	60.98	65.05	65.20	1.64	1.60	J

Absorption results tested in accordance to ASTM C 423-09a

*Apparent SAA and NRC values are calculated using 1 face/baffle = 32.08 ft²/baffle.