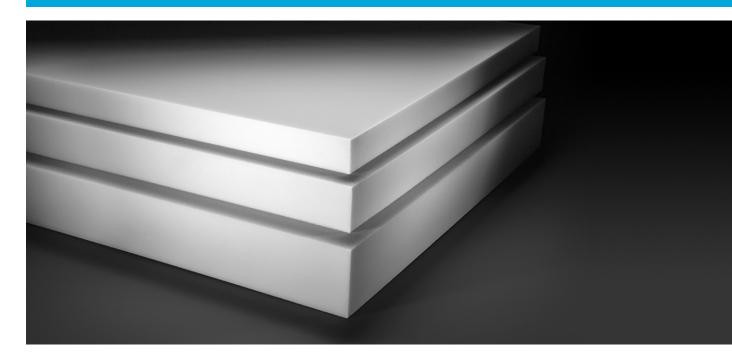
## TECHLITE ACOUSTICS

### ACOUSTICAL PANELS | SILENCER SERIES



#### **TECHLITE® Acoustic Panels**

TECHLITE® foam is a lightweight, fiber-free, open cell melamine foam developed as a Class A fire-rated alternative to conventional foams. This high performance foam has a wide temperature range, low smoke and flame properties and is available in several sizes and shapes to fit any design or decor. TECHLITE® foam is easily trimmed, cut, and sliced in the field reducing installation time compared to many other acoustic materials.

PHYSICAL PROPERTIES									
Material	TECHLITE® Flexible Open-Cell Melamine Foam								
Service Temp	-40°F to 350°F								
Density	Light Grey 0.56 ± 0.09 lb/ft³								
	White 0.47 ± 0.13 lb/ft <sup>3</sup>								
Fire Rating	Class A per ASTM E 84								
Finish	White or Light Grey								

#### **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**

Industrial applications
OEM uses
Aerospace and defense
Automotive
OSHA compliance
Fitness centers

#### SIZES/COLORS

24" x 48", 48" x 48", or 48" x 96" panel with thicknesses of 1", 1 1/2", 2", and 3".

Special thicknesses available

Natural White and Light Grey

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Sound Absorption Coefficient [Sabins / ft²]												
Finish	Thickness [in]	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	SAA	NRC	Mounting Type		
White	1.00	0.11	0.16	0.53	0.85	0.99	1.04	0.63	0.65	А		
	1.50	0.17	0.28	0.84	0.99	1.03	1.04	0.78	0.80	Α		
	2.00	0.23	0.48	1.08	1.19	1.16	1.11	0.97	1.00	А		
	3.00	0.45	0.87	1.26	1.07	1.06	1.10	1.05	1.05	Α		
Light Grey	1.00	0.07	0.18	0.55	0.83	0.96	1.01	0.63	0.65	А		
	1.50	0.17	0.28	0.86	0.99	1.02	1.02	0.79	0.80	Α		
	2.00	0.20	0.51	1.05	1.05	1.03	1.05	0.91	0.90	А		
	3.00	0.36	0.90	1.24	1.04	1.02	1.09	1.05	1.05	А		

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