

LINEAR CEILING BAFFLES | ACCENT SERIES

**TECHLITE® Linear Ceiling Baffles**

TECHLITE® linear ceiling baffles help create unique room environments both visually and aurally. Techlite's linear ceiling baffles provide superior sound absorption for a wide range of applications and were designed and engineered to provide architects, owners and contractors an efficient solution for suitable room acoustics. The TECHLITE® melamine foam used to manufacture our linear ceiling baffles have a veritable plethora of advantages such as lightweight, easy to install and providing industry-leading sound absorption including the mid to low frequencies. The free space between the baffles is optimally suitable for the integration of luminaires, sprinklers, ventilation systems or similar. TECHLITE® linear ceiling baffles are customizable to suit the project's aesthetic requirements and offer design versatility while enhancing the overall design as well as the room's acoustical signature.

PHYSICAL PROPERTIES

Material	Flexible Open-Cell Melamine Foam
Service Temp	-40°F to 350°F
Density	Light Grey 0.56 ± 0.09 lb/ft³ Natural White 0.47 ± 0.13 lb/ft³
Fire Rating	Class A per ASTM E 84
Finish	Natural 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

- Education
- Restaurants and Lounges
- Entertainment Facilities
- Reception and Lobby
- Religious Facilities
- Libraries and Museums

SIZES/COLORS

- 12" x 96" Baffle with thickness of 2"
- Natural White or Light Grey
- Other sizes and color options available

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Apparent Sound Absorption Coefficient (a) [Sabins / ft²]										
Finish	Thickness [in]	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	Apparent SAA	Apparent NRC	Mounting / Installation
Natural White	2.00	0.12	0.41	1.16	1.93	2.06	1.96	1.38	1.40	J / Corkscrews
	2.00	0.29	0.41	1.14	2.00	1.91	1.77	1.36	1.35	J / C-Channel

Total Absorption [Sabins / Baffle]								
Finish	Thickness [in]	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	Mounting / Installation
Natural White	2.00	1.0	3.4	9.7	16.0	17.1	16.2	J / Corkscrews
	2.00	2.4	3.4	9.5	16.6	15.8	14.7	J / C-Channel

Absorption results tested in accordance to ASTM C423-17

*Apparent SAA and NRC values are calculated using 1 face/baffle = 8ft²/baffle

Examine suspension assemblies, with installer present, for compliance with requirements specified in this and other applicable Sections affecting ceiling tile installation and with requirements for installation tolerances and other conditions affecting performance of acoustic ceiling tile assemblies