

Introducing the Sound Block In-Wall Back Box. This enclosure is designed to isolate the inwall and in-ceiling speaker back wave, as well as offer thermal insulation. It is constructed from a new Class-A, non flammable, urethane foam. This material will not support mold or crumble over time like standard urethanes. Custom sizes can be produced to adapt to multiple speaker sizes and cavity dimensions.



### Applications:

- Fire rated acoustical back box for in-wall and in-ceiling speaker products

### Benefits:

- Class A Fammability rating, Non Combustable
- R-12 Thermal Insulation Value
- Excellent absorption properties
- Code compliant anywhere in North America
- Material STC keeps sound energy from passing through the walls

### Properties:

Color.....	Gray
Size (inches).....	22.5" X 14.5" X 6" (Also Available in 4")
Unit Weight.....	3.15 Pounds (6")
Wall Thickness.....	1.5"
NRC @ 1".....	.27
STC @ 1".....	9
Flammability.....	Class A (Pass)
Service Temperature.....	Low: 0 deg. F, High continuous: +160 deg. F
Adhesive.....	None

#### NRC Chart

Thickness	125 Hz	250 Hz	500 Hz	1 KHz	2 KHz	4 KHz	NRC
1"	0.03	0.07	0.13	0.23	0.5	0.63	0.27

#### Flammability Characteristics

Property	Test Method	Value
Radiant Panel Index (I5)	ASTM D3675	Maximum Index - 5: No melting or dripping
Vertical Burn Test	F.A.R. 25.853 (a)	Pass

CAE's Class A Back Box shall be manufactured utilizing low smoke polychloroprene latex compound. Fire resistant properties shall not change if exposed to liquids. Cushioning is open cell and breathable.