



## Features

- Impact resistant acoustical absorber and barrier
- NRC up to 0.70
- STC up to 13
- Indoor and outdoor use
- No fiberglass
- Class A fire-rated, per ASTM E-84
- Made in the USA

## Applications

- Public venues
- Dance Halls
- Gymnasiums
- Cafeterias
- Fences
- Enclosures
- Ceiling Tiles
- Dog Kennels

## Options

- 1" or 2"
- Outdoor only available in Charcoal

## Description

Echo Drop PEPP panels are made from a **Porous Expanded Polypropylene** to form semi-rigid acoustical ceiling and wall panels. Echo Drop panels are lightweight, impact resistant, moisture resistant, mildew resistant, UV stable, washable, tackable and paintable.

Charcoal Echo Drop Panels are for indoor and outdoor use. White Echo Drop panels are for indoor use only.

Easy to install and maintain. Echo Drop panels may be adhered or attached using mechanical fasteners. For outdoor applications, adhesive and screws with fender washers are recommended.

Clean with soft attachment on a vacuum cleaner. Water and cleaning solutions may be used on Echo Drop panels.

Panels may be painted with a very light coat of spray applied latex of fire retardant paint without significantly altering acoustic performance.

## Performance

### Acoustic Transmission Loss (dB)

Frequency (Hz)	125	250	500	1000	2000	4000	STC
1" thick	6	5	7	8	10	15	9
2" thick	9	8	10	10	17	22	13

### Sound Absorption (frequencies in Hz)

	125	250	500	1000	2000	4000	NRC
1" on wall	0.05	0.06	0.21	0.80	0.65	0.75	0.45
2" on wall	0.07	0.21	0.81	0.85	0.93	0.88	0.70
1" ceiling tile	0.46	0.59	0.42	0.49	0.76	0.86	0.55
2" ceiling tile	0.51	0.52	0.52	0.77	0.89	0.98	0.70

### Physical Properties Non-reinforced Barriers

	Weight (PSF)	Thickness (nominal)	Tensile Strength, PSI	Compression strength @ 25%	Thermal Resistance (R)	Flame and Smoke Spread index
1"	0.25	1"	27	29 PSI	3.8	Flame = 3, Smoke = 84
2"	0.50	2"	27	29 PSI	7.4	Flame = 5, Smoke = 113
Test Method					ASTM C177	ASTM E-84, Class A

Operating Temperature: -20°F to 350°F