

# Pacato Polyester Panel

Pacato acoustical panels are the perfect solution for many reverberant noise problems. Adding acoustical panels to the room could reduce reflected sound thereby dampening the echo and reverberation in a properly treated space, creating a terrific acoustic environment.

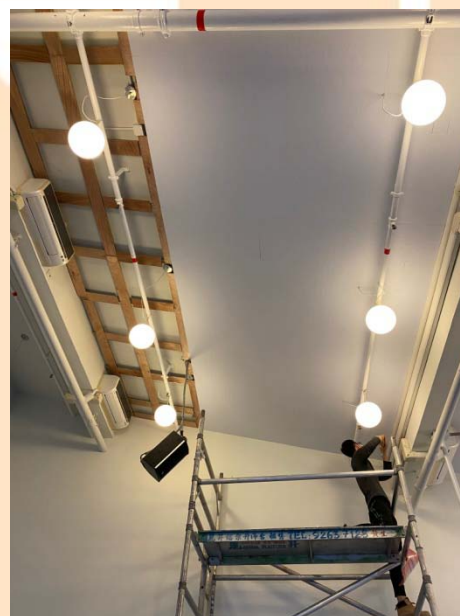
**Colorful Decorative Polyester Panel (9mm thickness)** has been proved to have excellent absorption properties, which is widely used in school, conference room and church hall.

## Advantage:

1. Relative low cost and easy installation ;
2. Panel designs for continuous or intermittent treatment
3. Custom sizes and geometric shapes available
4. Reduces reverberation time
5. Fire retardant
6. Integration with wall mounted obstructions

## Application

Audio/video/recording studios and control rooms;  
Offices, conference rooms, lobbies;  
Classrooms and meeting halls;  
Computer rooms & data processing centers;  
Entertainment and performing arts centers;  
Theaters, movie cinemas and concert halls;  
Arenas, fitness centers and multi-purpose areas;  
Gyms and sports facilities;  
Churches and worship spaces;  
Open plan offices and partitions  
Restaurants



Thickness of system (mm)	Frequency (Hz)						NRC
	125	250	500	1000	2000	4000	
25mm Cavity + polyester panel	0.01	0.10	0.27	0.58	0.81	0.76	0.45
25mm fiberglass + polyester panel	0.16	0.45	0.93	1.00	1.00	0.86	0.85
50mm cavity + polyester panel	0.05	0.22	0.55	0.93	0.92	0.73	0.65
50mm fiberglass + polyester panel	0.44	0.82	1.15	1.08	1.05	0.93	1.00

Above data tested in accredited laboratory in according ASTM C423-17

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