

SOUND CONTROL ACOUSTICS

ECO-SERIES ACOUSTIC PANELS 1.5", 2.5", 3.5" or 5.25"

Description:

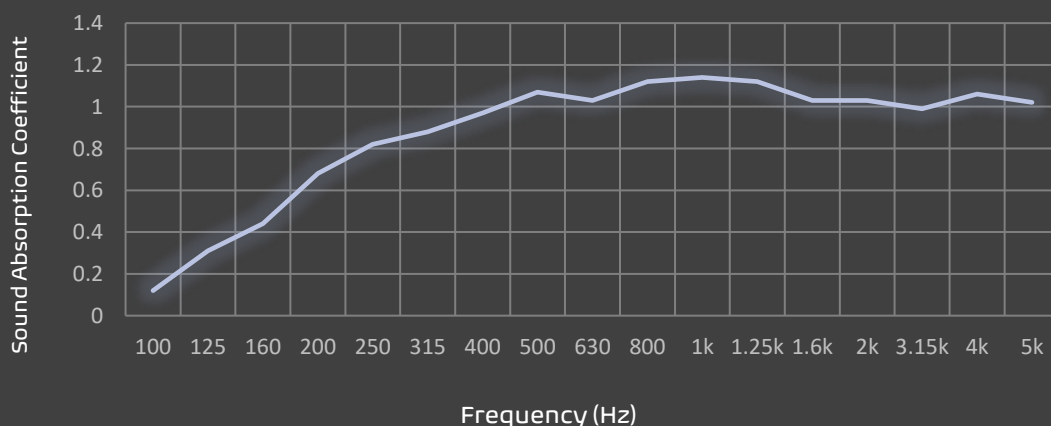
Sound Control 'Eco-Series' Acoustic Panels are unique ecofriendly sound absorbers with industry standard 3lb/ft³ rotary woven fiberglass wool designed for professional level acoustic absorption applications. Units are tightly wrapped sleek in a 85% Polyester/15% cotton blend of panel fabric in a wide range of colors with a core fiber material that consists of sustainable 53% recycled glass materials with a high degree of eco-friendliness. Eco-series panels are suitable for a wide variety of noise reduction, sound absorption, and acoustical tuning solutions. And unlike other products on the market, our specially engineered material is odor-free, never crumbles to dust as does rockwool, and has a more professionally balanced sonic performance across the frequency spectrum than rockwool based panels.



Core Fiberglass Wool Material Physical Properties:

PROPERTY	TEST METHOD	TYPICAL RESULTS
Density - (lbs/ft ³)	ASTM C303	3.0 lbs/ft ³
Operating Temperature Range	ASTM C411	0-450°F (-18 to 232 °C)
Water Vapor Sorption	ASTM C1104	<2% by weight at 120°F (49°C), 95% R.H.
Fungi Resistance	ASTMC1338	Meets Requirements
Compressive Strength @10%)	ASTM C165	25lb/ft ² (10% Deformation)
Compressive Strength @25%)	ASTM C165	90lb/ft ² (25% Deformation)
Flammability (FSI) Class A	UL 723, ASTM E84, and CAN/ULC S102	Flame Spread Index 5 (Pass) Smoke Developed Index 5 (Pass)

SOUND PERFORMANCE TEST DATA



NRC = 1.03
Test Sample
Based on 12
units of
2.5inch Panel
Thickness
covering a
148.5" x
101.5" test
area