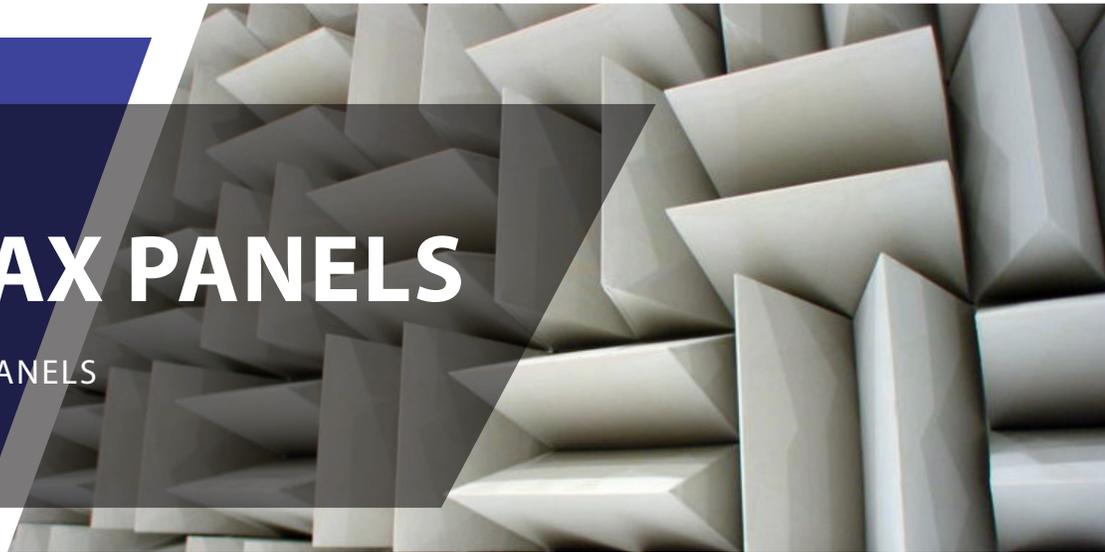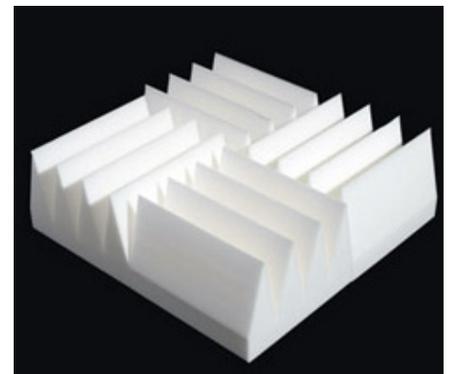# MELAMAX PANELS

ACOUSTICAL FOAM PANELS

MAXIMUM SOUND ABSORPTION FOR ANECHOIC CHAMBERS

MelaMax Panels by NetWell are thick sound-dampening foam wedges designed for anechoic chambers where acoustical testing is performed or where excessive low frequency industrial noise requires maximum sound absorption.

controlnoise.com/melamax

FEATURES:

- Lightweight and easy-to-install material
- Best choice for the build out of an anechoic space for sound testing purposes
- Heat resistant to 482°F and able to withstand constant temperatures up to 320°F

APPLICATIONS:

- Anechoic chambers
- Acoustical testing rooms
- Low frequency applications
- Any environment where maximum sound absorption is required

DESCRIPTION
MelaMax Panels are made of an open-cell, lightweight melamine foam. Their ultra-thick uniform wedge design maximizes absorption and dissipation of airborne sound energy.

SIZES
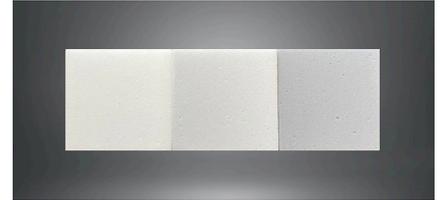Standard size is 12" x12" squares

THICKNESS
Available in 4", 6" or 8" thickness

DENSITY
2 lb-pcf

AVAILABLE COLORS
- White
- Light Gray
- Dark Gray

ACOUSTICAL PERFORMANCE

Sound Absorption Data: Octave Band Frequencies (Hz)							
Frequency (Hz)	125	250	500	1K	2K	4K	NRC
6" Thick	.22	1.07	1.27	1.34	1.27	1.15	1.26
8" Thick	.39	1.05	1.44	1.38	1.33	1.19	1.33

HARDWARE AND INSTALLATION

To install acoustical foam panels, use a heavy-duty water-based construction adhesive such as Titebond GREENchoice or similar. Plan for an application rate of approximately (1) 10oz tube per 32 square feet.

Prior to application, the mounting surface should be smooth, clean, dry, solid, and free from dust, oil and residues. Uneven surfaces should be leveled.

Panels can be easily cut if necessary with a sharp utility knife. Adhesive should be spread evenly over the entire back surface of the panel. Panels are positioned into place, then pressed to the surface and adjusted. Be sure to provide adequate ventilation to ensure quick bonding.

It is recommended to test adhesion in a small area before proceeding with full installation.