



KINETICS STANDS OUT

ACOUSTIC PRODUCT EXPERTS SINCE 1958

DIVERSITY OF PRODUCT SOLUTIONS AND FINISHES

CUSTOMIZABLE, FULL-SCALE MANUFACTURING

WORLDWIDE PRESENCE

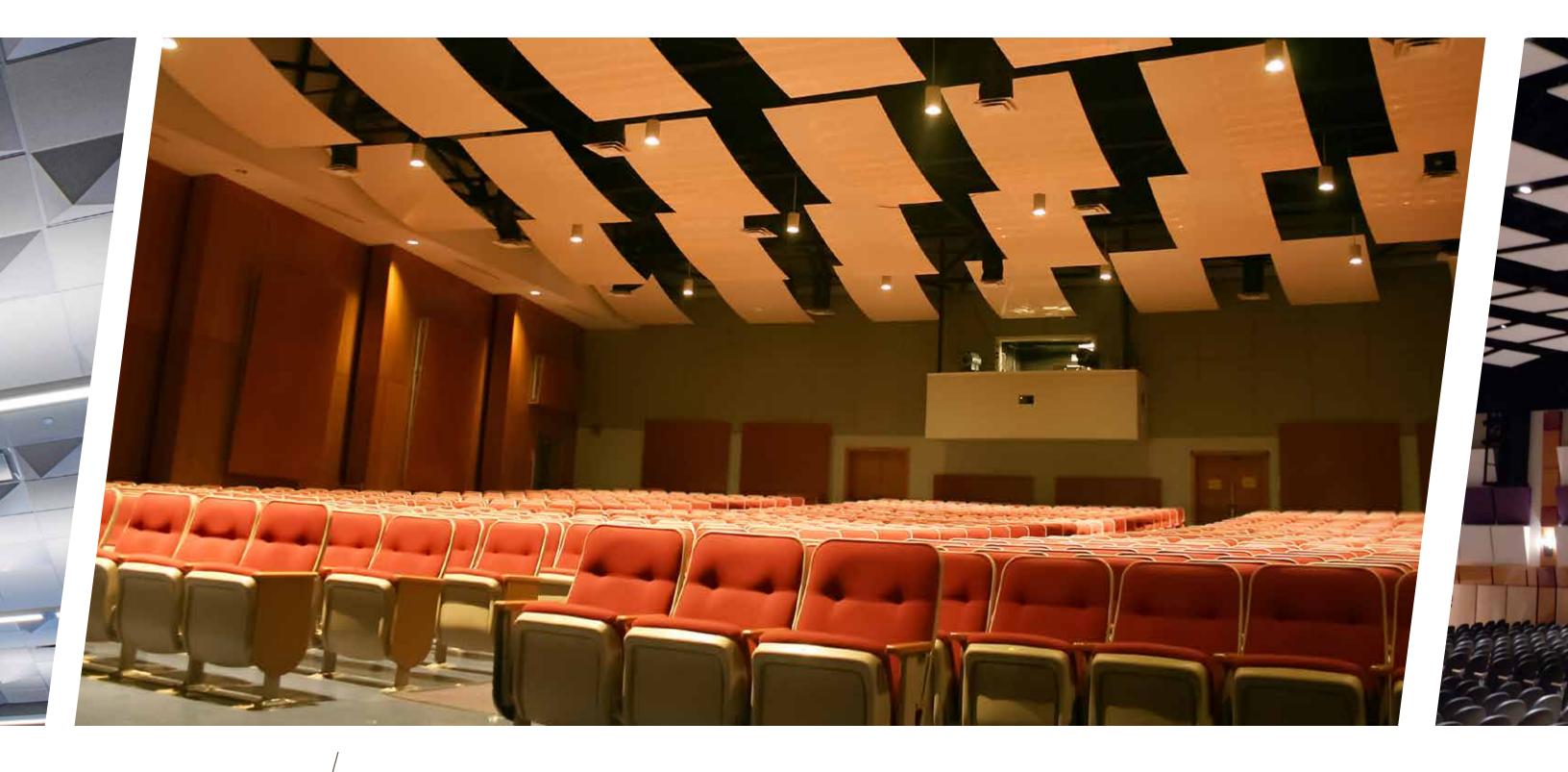
KINETICS PRODUCES THE INDUSTRY'S LARGEST SELECTION OF INNOVATIVE ACOUSTIC AND NOISE

CONTROL PRODUCTS AND SOLUTIONS. YOU CAN COUNT ON AN EXPERT TEAM OF SALES, MANUFACTURING,

ENGINEERING AND CUSTOMER SUPPORT PROFESSIONALS TO HELP YOU ACHIEVE YOUR ACOUSTICAL

AND DESIGN OBJECTIVES.

ONE SOURCE / COUNTLESS POSSIBILITIES



TYPES OF PRODUCT



ABSORBERS

Reduce reverberation (echo) in a variety of settings. Multiple products offered to address any application.

> OFFICES & OPEN SPACES MUSIC ATHLETICS



DIFFUSERS

Distribute sound evenly throughout the listening space and control undesirable pitches and tones.

AUDITORIUMS REHEARSAL SPACES SOUND STUDIOS



REFLECTORS

Redirect sound towards the audience. Reflectors on walls and ceilings enhance the listening experience.

PERFORMANCE HALLS AUDITORIUMS WORSHIP FACILITIES





FINETUNE

CREATES ACOUSTIC BALANCE ACROSS ALL FREQUENCIES. SPECIALLY ENGINEERED, FABRIC-WRAPPED ABSORBERS COMPENSATE FOR THE LOSS OF ACOUSTICAL BALANCE PRODUCED BY CONVENTIONAL PANELS.

VERSATUNE

Common acoustical panels are most effective at absorbing mid-to-high frequencies. VersaTune's engineered composite core boosts low frequency absorption to create balanced performance across all frequencies.

TAD TUNED/ ABSORBER DIFFUSER

Typical acoustical panels can over-absorb high frequencies.

TAD panels scatter high-frequency sound waves, so rooms are lively and authentic.

WOOD ABSORBERS

CONTROL REVERBERANT SPACES WITH THE WARMTH AND BEAUTY OF WOOD IN A VARIETY OF PATTERNS, VENEERS AND FINISHES.



ALTO

The Alto grooved wood surface adds visual refinement to the project, with small openings that allow sound to be absorbed.



SERENO

Sereno features symmetrical hole patterns of various sizes for the passage of sound into the concealed absorber.



PICADO

Picado highlights a veneered wood surface with pinholes that are invisible from a distance, concealing a perforated core that provides excellent sound absorption.



TAD REVEALED

TAD Revealed has the acoustical benefits of TAD panels with the beautiful look of wood. Available in a variety of hardwoods and finishes.

ENSEMBLE

This all-in-one prefabricated panel comes complete with fiberglass for easy installation. Choose from any of the above wood patterns.









GREATER IMPACT

SPORTSBOARD ELITE

GYMNASIUMS | MULTI-PURPOSE | TRAINING FACILITIES

The tough, perforated, co-polymer surface of SportsBoard Elite can tolerate extreme impacts such as baseballs and basketballs. Wrapped in a variety of fabric options.

SPORTSBOARD CONFORM

GYMNASIUMS | MULTI-PURPOSE | TRAINING ROOMS

A highly protective, perforated co-polymer shell covers the edges and face of the panel, making the surface capable of withstanding the toughest of impacts. The SportsBoard Conform's hard surface is easy to clean and can be matched to many team colors.

HIGH IMPACT HARDSIDE

HALLWAYS | LOBBIES | ACADEMIC SPACES

A fabric-wrapped panel featuring a special surface layer that provides greater durability than traditional panels. Ideal for high-traffic common areas.

KNP PERFORATED METAL PANEL

GYMNASIUMS | NATATORIUMS | RECREATIONAL CENTERS

A perforated steel or aluminum shell with a powder-coated finish encases an absorptive core for a rugged, clean appearance with excellent absorptive properties. Available with either a flat or ridged face.

ACOUSTIGRAPHIX GRAPHIC WRAP

Increases the dynamics of any space with high-resolution graphics or photo-images in an acoustically transparent fabric. Use in any environment with any of our fabric-wrapped panel solutions.



PRODUCTS USED AcoustiGraphix HardSide Panels Wave Baffles When the University of Cincinnati (UC) Bearcats basketball team required a quieter practice gym, Kinetics supplied products that reduced reverberant noise while proudly displaying the UC brand. The University of Cincinnati Design and Construction Department worked with Kinetics local representatives to create a quiet and more impactful setting for press conferences, and a better learning environment for players and coaches. The Lindner Athletic Complex is now a more purposeful and attractive facility, as well as a great recruiting tool!





HARDSIDE

RESTAURANTS | AUDITORIUMS | CLASSROOMS

HardSide is a conventional panel available in many thicknesses, sizes and shapes and can be wrapped in a variety of fabrics.

HI-TACK PANEL

OFFICES | COMMUNITY CENTERS | CLASSROOMS

This non-absorptive panel captures the same look as other fabric-wrapped panels while providing a highly-tackable bulletin board surface.



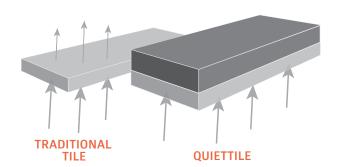




QUIETTILE LAY-IN CEILING TILES ABSORBERS/BLOCKERS

Achieve the highest speech privacy and sound control in an acoustical ceiling tile system. When walls don't extend to the deck, QuietTile composite-ceiling tiles are specifically designed to control noise between spaces.

QuietTile is an engineered composite panel consisting of multiple layers faced with any acoustical ceiling tile.



STANDARD SIZES 2 ft. x 2 ft. / 2 ft. x 4 ft. COMPOSITION

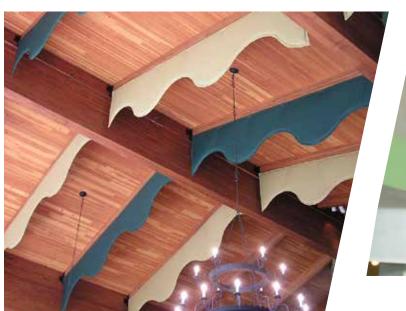
Acoustical Ceiling Tile (ACT)
Composite Sound-Damping Backer

TESTED AND PROVEN TO PROVIDE THE HIGHEST REDUCTION OF SOUND TRANSMISSION IN THE INDUSTRY.

ELEMENTAL ELEVATION

SUSPENDING ACOUSTICAL MATERIALS FROM THE CEILING OFFERS ABSORPTION FOR REVERBERANT NOISE PROBLEMS WHILE ACHIEVING ACOUSTIC GOALS. HORIZONTAL AND VERTICAL ORIENTATION OF CLOUDS AND BAFFLES IS PROVEN TO BE HIGHLY EFFECTIVE, BOOSTING LOW AND MID-FREQUENCY ABSORPTION BY 20-40%.







WAVE BAFFLES

ARENAS | GYMNASIUMS | MULTI-PURPOSE ROOMS

Create a stunning visual effect with dramatic acoustical results in large, reverberant spaces.

KB803

CAFETERIAS | RESTAURANTS | NATATORIUMS

Vertically mounted, vinyl-wrapped baffle for efficient and cost-effective absorption.

HARDSIDE CLOUD

LIBRARIES | CORRIDORS | ACADEMIC SPACES

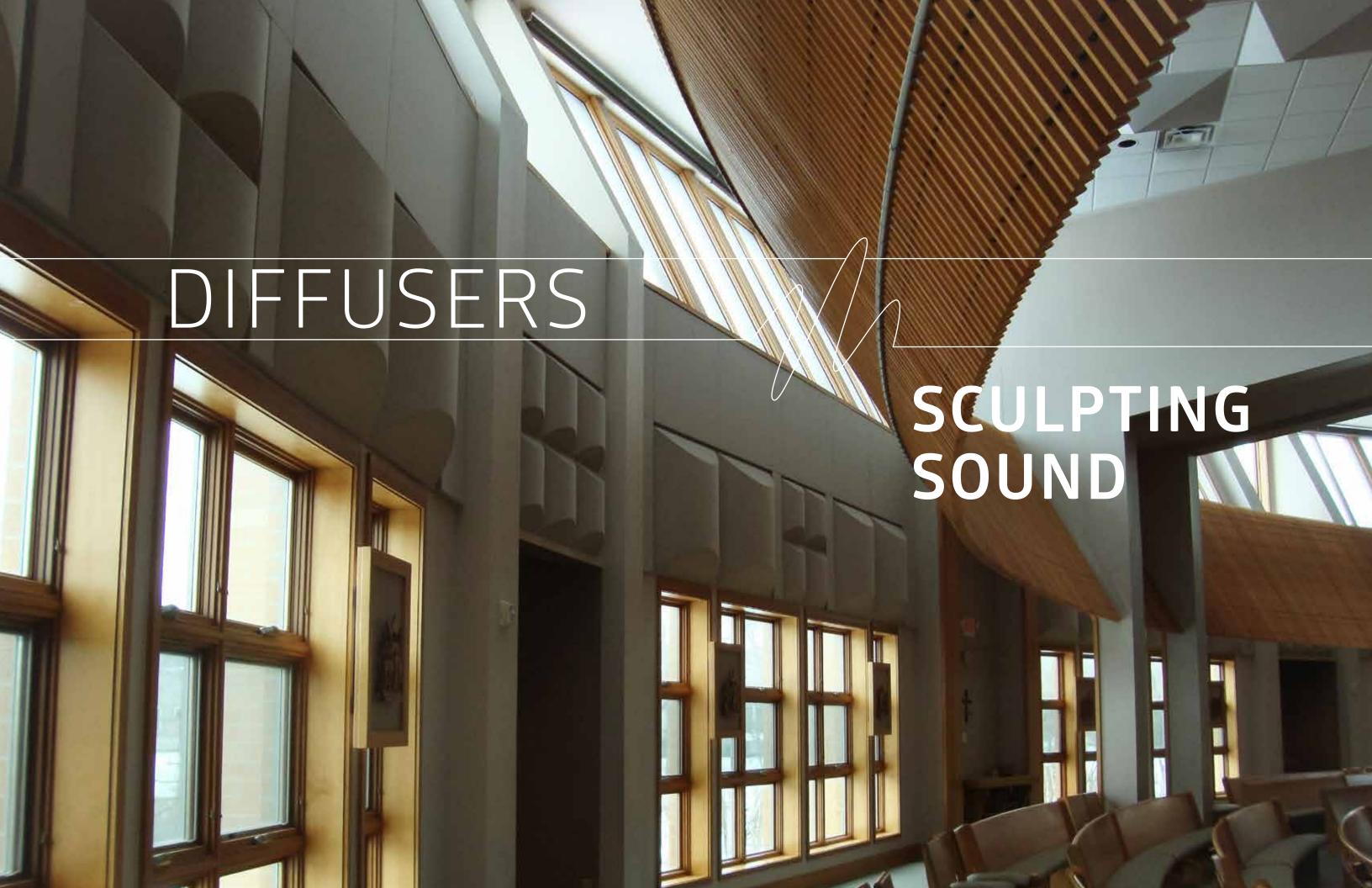
Modify our fabric-wrapped HardSide panel into a suspended horizontal cloud to create a dramatic architectural feature.

HARDSIDE BAFFLE

OPEN OFFICES | MULTI-PURPOSE ROOMS | ACADEMIC SPACES

Fabric-wrapped, two-sided, vertically oriented baffle.







SCATTERBOX

RECORDING STUDIOS | HOME THEATERS

The premium choice of musicians, artists, and engineers in professional recording environments. Beautiful wood, striking visuals, and two-dimensional diffusion

HIGHTONES & MIDTONES

AUDIENCES AND PERFORMERS.

RECORDING STUDIOS | ACADEMIC SPACES | AUDITORIUMS

Design critical listening spaces with precise diffusion across specific frequency ranges. Elegant and beautiful diffusers are available in a variety of hardwoods and finishes.



MIDTONES

HIGHTONES/SCATTERBOX

650 to 2,500Hz

→ 2,500+ Hz



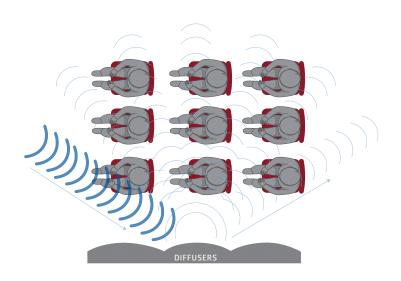


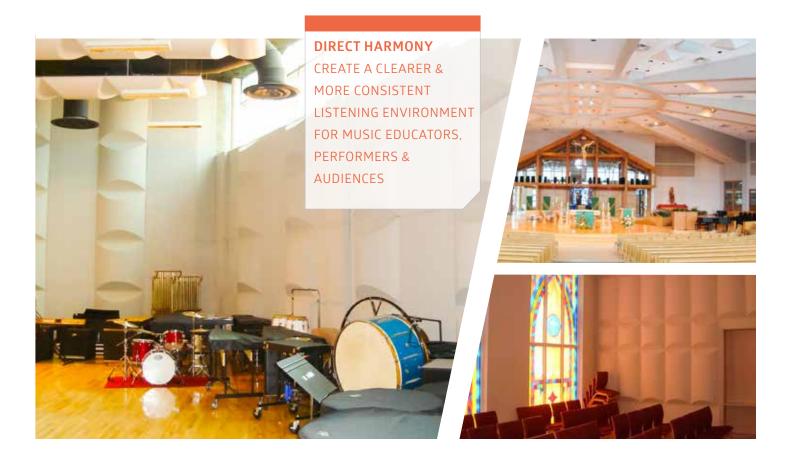
HIGHTONES CONTROLS HIGH FREQUENCIES FOR HIGHER-PITCHED INSTRUMENTS. THE WIDER, DEEPER WELLS OF MIDTONES CONTROL FREQUENCIES BETWEEN 650 Hz AND 2,500 Hz.

GEOMETRIC SOUND

CHURCHES | BAND ROOMS | CAFETORIUMS

Make rooms look and sound more dynamic.
Geometric diffusers placed on walls and ceilings
add visual dimension and disburse sound in multiple
directions to improve the sound quality within the
space. Perfect for churches, band rooms and other
performance spaces. Available in molded co-polymer
finishes, or wrapped in fabric of the client's choice.

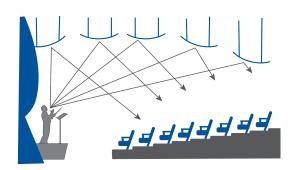












REFLECTORS ARE SHAPED TO DISBURSE SOUND EVENLY ACROSS THE AUDIENCE

OVATION REFLECTORS

PERFORMANCE HALLS | AUDITORIUMS | WORSHIP FACILITIES

Reflectors create a visually stunning space and assure the timing and strength of live performances by eliminating late reflections.

Architects and designers have many creative options from traditional wood and wood-like surfaces to a variety of gel coat colors. Reflectors add shape and dimension to walls and ceilings. A retractable version is also available and is ideal for multi-use environments.





SOUND IN MOTION

THE WORLD OF ROOM ACOUSTICS

The size, shape, and finish materials of a room define its sound quality - good or bad. Have you ever experienced a restaurant where dinner conversation is nearly impossible because of reverberant noise? Have you ever listened to a public address announcement in a gymnasium or at the airport where the words were unclear? Proper application of the right acoustical materials will solve these problems.

REVERBERATION CONTROL & SOUND ABSORPTION

Reducing reverberation will lower the background noise level and improve speech and music clarity. An easy way to analyze a room is to calculate its T60 reverberation time. This is simply the amount of time it takes (in seconds) for sound to decay 60 decibels in a room. Adding Kinetics absorptive materials reduces T60 time in predictable levels.

It's easy to understand how different rooms should have different acoustic characteristics. For example, a concert hall's acoustic field should be rich and full, with some reverberation. In contrast, a classroom should be much less lively, so the instructor is clearly heard and easily understood.

OPTIMAL T60 TIMES ROOM TYPE T60 (SEC) Classrooms 0.6-0.7 **Band Rooms** 0.9-1.1 **Movie Theaters** 0.9-1.2 **Choral Rooms** 1.2-1.6 Multi-Purpose Rooms

1.6-1.8

1.7-2.2

PANEL CONSTRUCTION (Application Driven)

Concert Halls

FINISH/SURFACE

ENGINEERED CONTROL

CORE

REFLECTION/DIFFUSION

Another goal in room acoustics is to create even sound fields. Controlling the timing and direction of sound reflections is an important part in the design of critical listening spaces, from recording studios to rehearsal rooms to performance halls.

Reflectors and diffusers enhance listening environments by controlling strong reflections and disbursing sound evenly across the audience and their listening space.

A NOISE REDUCTION OF 8-10 DECIBELS LOWERS REVERBERATION IN A ROOM BY 40-50%

ACHIEVE THE LOOK YOU WANT WITH THE ACOUSTICAL PERFORMANCE YOU NEED







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