

Giving Students an  
Acoustic Advantage

## A sound environment for learning

In classrooms, gymnasiums, indoor pools and other learning environments, poor speech intelligibility—the ability to understand what is being spoken—can adversely affect learning, achievement and enjoyment. The culprit is background noise and reverberation or echo. pinta acoustic, inc. helps solve these issues in new and existing schools with cost-effective, long-lasting and easy to install ceiling tiles, wall panels, baffles and other acoustical solutions.

It is something educators know intuitively and research supports—high levels of background noise and reverberation or echo hinder learning, especially for young children or those with hearing or learning disabilities. In fact, the American National Standards Institute established the standard ANSI/ASA S12.60-2002 as the recommended guideline for maximum background noise and reverberation in schools. So, what's the solution as class sizes continue to increase and budgets continue to shrink?

pinta's affordable acoustic and sound control solutions are the proven answers to help schools sound better and positively influence learning.



*Adhered to ceilings, walls or partitions, SONEX Panels absorb excess reverberation for enhanced instruction and enjoyment.*

### SONEX® Panels

- Designed to absorb excess reverberation or echo, these foam panels are ideal for music rooms, classrooms, gymnasiums and indoor pools
- Select from several patterns, thicknesses and sizes
- Made from pinta's innovative willtec® foam
- Lightweight and easily installed to walls, partitions or ceilings using acouSTIC adhesive
- Available in standard and custom colors to complement or match school colors



*SONEX One Panel*



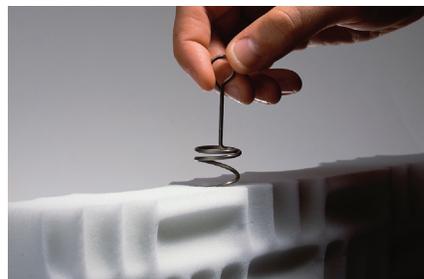
*SONEX Valueline Panels*



*SONEX Baffles, hung from the ceiling in gymnasiums and other large areas, reduce the echo created from sound bouncing off hard surfaces.*

### SONEX Baffles

- Baffles absorb sound from all directions to reduce reverberation in indoor pools, gymnasiums, multipurpose rooms and other large interior spaces
- Made from pinta's innovative willtec foam
- Lightweight and easy to suspend from high, open ceilings using traditional hanging or innovative cable suspension systems
- Offered in a variety of standard and custom colors to complement or match school colors



*SONEX One Baffle*



*SONEX Valueline Baffle*



Impact-resistant FABRITEC acoustical wall panels in matching school colors create a more functional and enjoyable gymnasium.

## FABRITEC Wall Panels

- Fabric-wrapped wall panel absorbs up to 85% of the sound directed toward it
- Available in hundreds of fabrics to complement or match school colors in classrooms, music rooms, offices and gymnasiums
- Made from pinta's innovative willtec® foam core
- Impact-resistant, tackable surface made of lightweight yet strong fiberglass substrate



FABRITEC is available in hundreds of fabrics to complement or match school colors.

- Offered in standard or custom panel sizes and thicknesses
- Lightweight construction allows easy installation with adhesives, hook-and-loop or mechanical fasteners



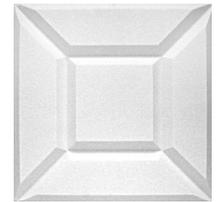
CONTOUR tiles, adhered to a ceiling or wall using acoustical foam adhesive, absorb excess sound in large areas without a drop ceiling.

## CONTOUR® Ceiling Tiles

- Premium style with superior acoustic control in all frequencies
- Mix and match from several subtle to dramatic patterns
- Standard or custom colors available
- Ceiling tiles with a backerboard drop into a pinta or standard grid system and help block sound traveling from adjacent rooms
- Tiles without a backerboard can be adhered to any wall or ceiling surface making them ideal for rooms without a grid system or those with low ceiling heights



Pattern: Crosspoint



Pattern: Allusion

Select from 14 standard or custom patterns.

- Made from pinta's innovative willtec foam
- HPC coating for easy cleaning with a damp cloth



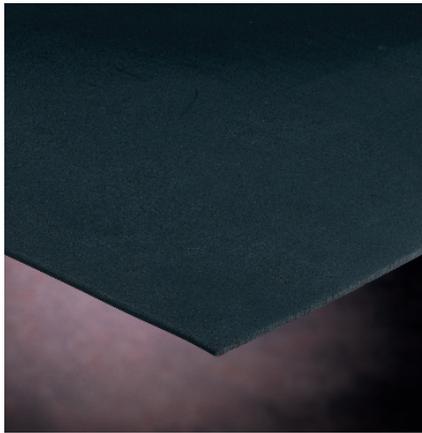
HARMONI Ceiling Tiles add distinction and absorb excess noise in retail spaces.

## HARMONI Ceiling Tiles

- Attractive, affordable and absorbs up to 90% of the sound directed toward them for use in classrooms, offices, corridors and more
- Contemporary VISTA (smooth) or TARTAN (softly sculpted) patterns
- Made from pinta's innovative willtec foam
- Lightweight and easy to install in pinta or any standard grid systems
- HPC-coated for easy cleaning with a damp cloth
- Drops easily into pinta's or conventional ceiling grid systems



HARMONI Ceiling Tiles are mold resistant and affordable, making them a smart choice for interior spaces in schools.



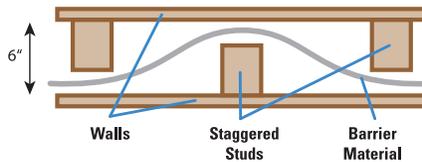
PROSPEC Barrier



PROSPEC Composite

## PROSPEC® Barrier and Composite Materials

- PROSPEC Barrier keeps outside noise from migrating into adjacent spaces and contains noise within noisy areas such as a boiler or mechanical room
- PROSPEC Barrier can be woven between staggered wall studs or installed within the plenum as a wall extension between rooms with drop ceilings to contain sound and noise
- PROSPEC Composite is constructed with a barrier material sandwiched between layers of pinta's willtec® foam
- PROSPEC Composite applied to walls, partitions or inside enclosures absorbs and contains noise from pumps, air compressors and other equipment



PROSPEC Barrier woven between staggered wall studs contains sound within noisy areas such as boiler rooms and hallways.

Check with local building codes.



PROSPEC acoustical barrier products contain sound and keep it from traveling through openings in vents or between the ceiling deck and false ceiling into adjacent rooms.

### Physical Data—willtec Foam

Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cubic ft. (ASTM D3574-77)
Long-Term Service Temperature	302° F
Fire Resistance	Class 1 per ASTM E 84 (all finishes), Meets UL 1715 (willtec natural and colortec™)
Flame Spread per ASTM E 84	Natural: 5, colortec: 10, painted: 10, HPC-coated: 15
Smoke Density per ASTM E 84	Natural: 50, colortec: 10, painted: 10, HPC-coated: 150
Microbial Growth	Passes UL 181, section 11
Toxicity	Passes University of Pittsburgh Toxicity of Smoke Test (NYC DOS#09-500-970317-4001)
Finishes	Natural (white and light grey), colortec, painted or HPC-coated

### The power and versatility of willtec

One of pinta's clear advantages is our willtec foam that appears in a variety of styles. willtec is Class 1 fire-rated and can be used in virtually any application. It's amazingly lightweight with incredible acoustic control abilities. Plus, it is resistant to humidity, fungus and microbial growth for long-lasting performance. There is simply no better solution for improving sound quality in acoustic test environments.

