Acoustic Tiles









Stylish TRANQUILITY

Sound easily bounces between hard surfaces and parallel walls. Human voices, HVAC systems, and electronic equipment all contribute to the undercurrent of "flutter echo" as sounds bounce with your choice of acoustically-absorbant fabric, HUSH™ Acoustic panel is engineered

HUSH[™] Acoustical Panels from Compatico are the easy, attractive, economical, and efficient way to reduce distracting noise and reverb from your office environment.

HUSH™ Acoustical wall panels are made from 85% recycled cellulose, which outperforms the acoustical characteristics of fiberglass. Covered with your choice of acoustically-absorbant fabric, HUSH™ Acoustic panel is engineered for active environments to absorb and diffuse unwanted sounds and improve productivity. HUSH™ Acoustical Tiles have an average NRC rating of 0.70, considered the sweet spot for an ideal acoustical environment.

Contains NO fiberglass; 100% recyclable.

Class A Fire Rating on core material (flames spread at 15-25; under 450 smoke; ASTM E84; UL 723). Check manufacturer's specs for fabric fire rating.

Absorbs and scatters sounds for maximum noise reduction.

Reduces cross-talk interference making it easier to understand conversations.

Reduces flutter echo for podcast and video recordings.

Available in thousands of fabric coverings.

Easy to install using 3M Dual Lock, high tack double sided tape, or permanent spray adhesive. No wall penetrating clips or brackets.







Fundamental ACOUSTICS

In Wall And Room Structures



The acoustic sound panels are a major factor in modern construction decisions and one of the least understood areas. Poor acoustics can ruin an otherwise beautiful installation.

SOUND

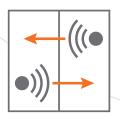
Sound is an oscillating wave of pressure which can travel through solids, liquids, and gases and is within a frequency range and of sufficient power level to be perceived by the ear. Shaping, and sometimes containing sounds can improve the experience of a modern office ecosystem.

This acoustical wall panels discussions in office environments generally focus on four primary terms:



REFLECTION

The condition where sound bounces off a surface or multiple surfaces before reaching the receiver.



STC

Sound Transmission Class Number rating of a wall or structure's ability to block the transfer of sound.



REVERBERATION

The continued reflections of sound within an enclosed space after the sound source has stopped. Long delays are called discreet echoes.



NRC

Noise Reduction Coefficient Number rating which categorizes the sound absorptive or reflective properties of a material or surface.

Tame AMBIENT NOISE

NOISE REDUCTION COEFFICIENT

Number rating that categorizes the absorptive or reflective properties of an environment.

A perfectly reflective environment would have a rating of 0.0 NRC. Productivity generally suffers in low NRC environments as the acoustics make concentration or conversations difficult.

A perfectly absorbent environment would have a 1.0 NRC and would sound acoustically "dead" without any reflections or reverberation. While 1.0 NRC environments are rare in the real world, very high NRC environments can also be distracting in that they feel confining or claustrophobic.

Generally speaking people prefer an environment that is between .5-.8 NRC. This is the range where reverberations are minimal, yet the surroundings still feel open and pleasant.

GENERAL NRC RATINGS FOR COMPARISON

Brick .00-.03 Wood .05-.15 Heavy Carpet .30-.55 18oz Drapery .60-.65 HUSH™ Tiles .70-.75 Recording Studio Foam Blocks .80-.90+

BOOST YOUR CURRENT ENVIRONMENT

Most people don't prefer a totally absorbent room little reverberation is a good thing. It is the audible equivalent of having an office with a window. Studies have shown that a person in an acoustically controlled environment is generally happier and more productive.

Most office environments with painted gypsum walls, commercial carpeting, and dropped ceiling tiles measure around .27-.35 NRC. These environments do not need expensive engineered solutions, they just need a boost. HUSH™ Tiles are the perfect solution to bring an environment up to the sweet spot of .50-.80 NRC.

Applying Hush™ Acoustic Tiles to as little as 20% of wall surface can have a dramatic effect in controlling excess reverberations. Though all environments are different, improvements as high 50% are common.



PRE-PACKAGED TILE CONFIGURATIONS

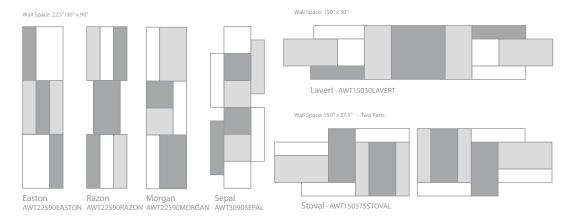
Choose from the following pre-packaged tile configurations or customize it!

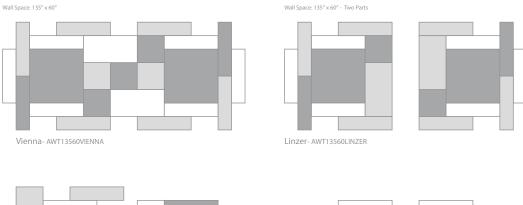


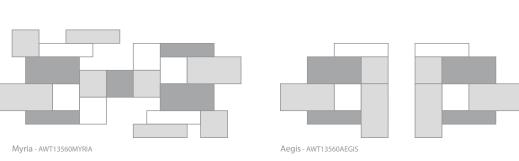


Irregular Patterns, Vertical Patterns, and Split Patterns.

Wall Space: 15" x 90" Wall Space: 75" x 75" Wall Space: 60" x 75" Velora AWT1590CHROMA AWT1590SPREE AWT1590SPREE AWT1590SPREE AWT1590SPREE AWT1590SPREE AWT1590SPREE AWT1590SPREE AWT1590SPREE AWT1590SPREE







Design Your Own Patterns

INDIVIDUAL TILES

Part Number	Width	Height	Thickness	
AWT07530025-xx	<7.5"	30"	.25"	
AWT07530075-xx	<7.5"	30"	.75"	
AWT07530125-xx	<7.5"	30"	1.25"	
AWT1515025-xx	15"	15"	.25"	
AWT1515075-xx	15"	15"	.75"	
AWT1515125-xx	15"	15"	1.25"	
AWT1530025-xx	15"	30"	.25"	
AWT1530075-xx	15"	30"	.75"	
AWT1530125-xx	15"	30"	1.25"	
AWT3030025-xx	30"	30"	.25"	
AWT3030075-xx	30"	30"	.75"	
AWT3030125-xx	30"	30"	1.25"	
xx=specify fabric grade				

PREDEFINED LAYOUTS

Part Number	Width		Thickness
AWT4530CINTRA	45"	30"	Varies
AWT4530MELODY	45"	30"	Varies
AWT4530SPRITE	45"	30"	Varies
AWT4530PUEBLO	45"	30"	Varies
AWT6030ASPEN	60"	30"	Varies
AWT6030DORIAN	60"	30"	Varies
AWT6030SPYRA	60"	30"	Varies
AWT6030XENA	60"	30"	Varies
AWT7530AVALON	75"	30"	Varies
AWT7530PARSA	75"	30"	Varies
AWT7530WILLOW	75"	30"	Varies
AWT6045OLIVIA	60"	45"	Varies
AWT6045MEADOW	/60"	45"	Varies
AWT6045AEROS	60"	45"	Varies
AWT6045ACHIRA	60"	45"	Varies
AWT7545ATHENA	75"	45"	Varies
AWT7545ARTISAN	75"	45"	Varies
AWT7545HELIOS	75"	45"	Varies
AWT7545IRIS	75"	45"	Varies
AWT9045COASTAL	90"	45"	Varies
AWT9045OCEANA	90"	45"	Varies
AWT9045SYDONA	90"	45"	Varies
AWT9045VORTEX	90"	45"	Varies
AWT10545METRO	105"	45"	Varies
AWT10545EXOTICA	105"	45"	Varies
AWT10545TRILLIUN	√105″	45"	Varies
AWT1590CHROMA	15"	90"	Varies
AWT1590SPREE	15"	90"	Varies
AWT1590NOMO	15"	90"	Varies
AWT1590TRACER	15"	90"	Varies
AWT7575VELORA	75"	75"	Varies
AWT7575HELIX	75"	75"	Varies
AWT22590EASTON	22.5"	90"	Varies
AWT22590RAZON	22.5"	90"	Varies
AWT22590MORGAI	№2.5″	90"	Varies
AWT3090SEPAL	30"	90"	Varies
AWT15030LAVERT	150"	30"	Varies
AWT150375STOVA	L150"	75"	Varies
AWT13560VIENNA	135"	60"	Varies
AWT13560LINZER	135"	60"	Varies
AWT13560MYRIA	135"	60"	Varies
AWT13560AEGIS	135"	60"	Varies

MOUNTING PRODUCTS

AWTSG High Bond Spray Adhesive AWTDL 3M Dual Lock (100pr/pk)

AWTTAPE High tack double sided tape (50pr/pk)

