

## SilentWrap™ Acoustical Barrier

#### **TECHNICAL SPECIFICATION**

**SilentWrap™** is an acoustical barrier designed to reduce the sound transmission through walls, ceilings and floors in virtually any environment. Unlike drywall, metal or wood, SilentWrap™ is a flexible, yet dense polymer barrier that dampens vibrations in the structure and also reduces the transmission of airborne noises.

## SilentWrap™ Benefits

Efficient Sound Isolation: Reduces perceived Noise Levels up to 88%.

- Easy Installation Can be cut with a utility knife or shears and is easily installed under standard drywall, above ceilings or under carpeted or floating floors. No special tools or labor required. We provide all the accessories and supplies for installation (see the back page).
- Cost-Effective Lower total cost than installing multiple drywall layers or pouring additional layers of concrete flooring
- Green Product SilentWrap is made from post-industrial recycled products and is fully recyclable.

## SilentWrap™ Applications

#### Residential

- Home Theaters
- Condos
- Music Rooms
- Bedrooms, Bathrooms, Basements
- Multi-Family Buildings
- Noisy Plumbing

#### **Commercial**

- Recording Studios
- Educational Facilities
- Places of Worship
- Theaters and Performing Arts
- Healthcare Facilities
- Hotels.....and many more



For more information, please visit us at www.SoundAcousticSolutions.com

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#### Other acoustical products available from Sound Acoustic Solutions:

SilentCeiling Black™ (black fiberglass ceiling tiles)
SilentFiber™ Wall Panels (sound absorption wall panels)
SilentCurtain™ (noise barrier products)



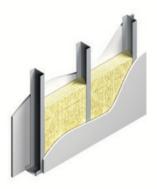
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#### **TECHNICAL SPECIFICATION**

## SilentWrap STC comparison. All with single layer drywall both sides.







**STC 42:** steel stud + insulation



STC 51: wood stud

- + insulation
- + SilentWrap



STC 53: steel stud

- + insulation
- + SilentWrap

#### **Physical Properties**

	Weight	Roll Size	Acoustical Properties
	[lb/sqft]		per ASTM E90-97
SW-0548	0.5	48" x 50'	STC 20
SW-1048	1.0	48" x 25'	STC 26
SW-1054	1.0	54" x 60'	STC 26
SW-1548	1.5	48" x 25'	STC 29
SW-2048	2.0	48" x 25'	STC 31

Custom sizes available upon request Can be used in fire rated wall, floor and ceiling designs



#### **Accessories & Supplies**

#### **Outlet Gaskets**

Outlet gaskets are an easy to install rubberized gasket that installs behind switch plates on walls. These solve the issue of the holes in walls created to accommodate electrical outlets and switches.

#### **OSI® Acoustical Sealant [CAULKSC175]**

OSI® Acoustical Sound Latex Sealant is a water based sealant designed to reduce sound transmission is walls and partition systems. Sealant is non-hardening, non- staining and freeze-thaw stable. VOC compliant. Available in a 28oz. tube.

#### SilentPutty Pads [AC.SP77]

Designed to stop hidden airborne sound leaks around electrical outlet and switch boxes. UL classified for both plastic and metal outlet boxes, SilentPutty Pads block the transmission of sound, smoke, fire and toxic gases. Size: 1/8" x 7.25" x 7.25".

### Nails [FASTCH112W]

Nails with wide head washer keeps the SilentWrap in place on wooden studs without ripping.

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