

SilentWrap™ PSA is a 1 lb. per sq/in acoustical barrier designed to reduce the sound transmission through walls, ceilings and floors in virtually any environment. The back side is coated with a pressure sensitive adhesive for easy adhesion to flat surfaces. This dense polymer barrier dampens vibrations in structures and also reduces the transmission of airborne noises.

SilentWrap™ PSA 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 on a dry clean surface. Being a heavy material, the adhesive backing holds material in place
- **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.

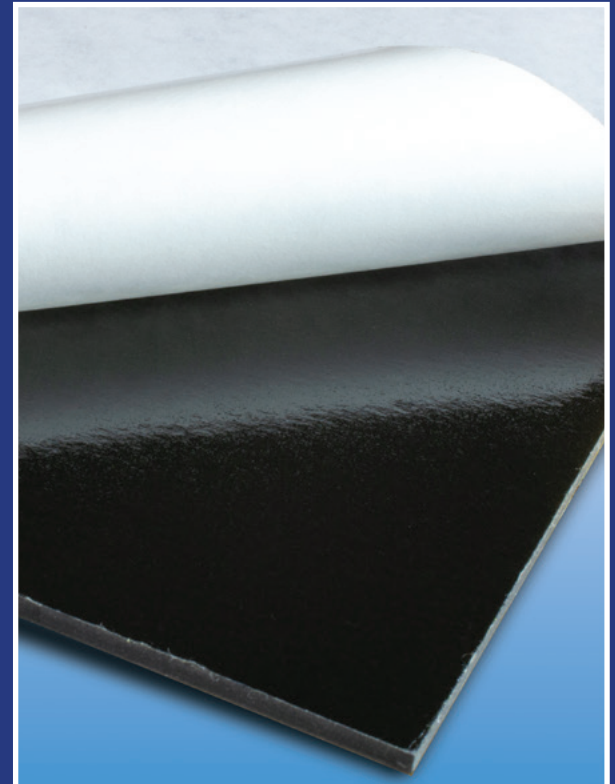
SilentWrap™ PSA Applications

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



	Weight [lb/sqft]	Roll Size	Acoustical Properties per ASTM E90-97
SWPSA-1048	1.0	48" x 25'	STC 26

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)

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

1215 Valley Belt Rd
Brooklyn Heights, OH 44131

Toll Free: (877) 399-9697

Email: info@SoundAcousticSolutions.com

Adhesive Information

A double coated polyester (PET) film is adhere to the back side and forms a pressure sensitive adhesive facing. This versatile, cost effective adhesive is specifically designed for demanding bonding applications. It provides permanent bond on foams, plastics, metals and composite materials subjected to a broad range of environmental conditions.



Features & Benefits

- High performance adhesive bonds to a wide variety of metals, high surface energy plastics, and composite materials
- Excellent UV and temperature resistance
- Performs well at high and low temperatures
- Excellent peel, tack and shear

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness ^Ω	3.5 mils	0.09 mm	PSTC-133
Adhesive Thickness - EXP	1.5 mils	0.04 mm	
Adhesive Thickness - LNR	1.5 mils	0.04 mm	
Peel Adhesion - EXP ^Δ	40 oz/in	11.1 N/25 mm	PSTC-101
Peel Adhesion - LNR ^Δ	40 oz/in	11.1 N/25 mm	PSTC-101
Shear Adhesion	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa	PSTC-107
Tensile Strength	7.5 lb/in	33.9 N/25 mm	PSTC-131
Elongation	100 %	100 %	
Service Temperature	-40 to 300 °F	-40 to 149 °C	

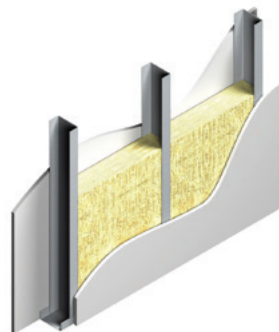
^Ω - excluding liner

^Δ - 20 minute dwell

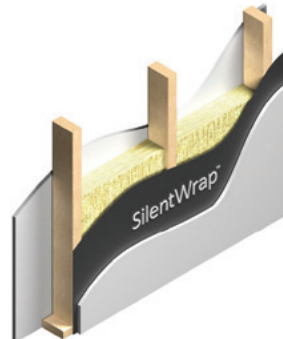
SilentWrap™ PSA STC comparison. All with single layer drywall both sides.



STC 29: wood stud



STC 42: steel stud + insulation



STC 51: wood stud + insulation + SilentWrap



STC 53: steel stud + insulation + SilentWrap

For more information, please visit us at: www.SoundAcousticSolutions.com
Toll Free: (877) 399-9697 | Email: info@SoundAcousticSolutions.com