

### Description

WaveBlok™ SW (Sub-Wall) is a highly engineered and unique sound reduction material. WaveBlok SW is a mass loaded, flexible barrier designed for commercial, industrial, and residential applications to reduce sound transmission. It is used primarily behind finished wall or ceiling surfaces to block and reduce noise through the entire sound spectrum. WaveBlok SW is extremely effective covering on pipe, ducting, and as a cross-talk barrier.

- A recycled product manufactured from pre and post-consumer offal
- Flexible easy to cut and install
- Thin, less than 1/8" thick
- Class A fire and smoke rated
- Mold and Mildew resistant
- Contains NO PVC
- High STC performance in single and multiple layer applications
- Made in the USA

### Product Specifications

- Made with a highly engineered recycled Acoustical Grade Polymer
- Standard Size\*
  - 4' by 25' roll (15 per Pallet)
- Sheet Weight
  - 1.0 lb/ft<sup>2</sup> nominal
- Standard Tolerances
  - Width: + 0.5" - 0"
  - Length: +1% - 0"
  - Nominal Thickness: ±0.10"

\*Custom Sizes Available

### Product Performance

- Minimum STC 25 per ASTM E 90-02 or SAE J1400
- Flammability rating of class 1 per ASTM E 84 Rev. A, behind minimum 3/8" gypsum
- No fungal or algae growth and no visible disfigurement per ASTM D3273 and ASTM G 21
- Thermal Resistance minimum of 0.3 per ASTM C 518 5
- Per ASTM E 119 - 08 meets 1 hr. fire resistance wall rating



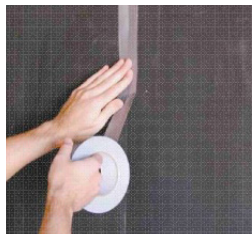
Innovative Metals Company, Inc.

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Frequency	125	250	500	1000	2000	4000	STC	Test Number
Baseline Wood Studs	21	31	39	51	38	50	<b>34</b>	NRC, IRC-IR-693
WaveBlok SW 1-Side, 16" OC	17	35	42	50	47	57	<b>41</b>	RAL-TL08-138
Baseline Metal Studs	22	42	56	62	48	50	<b>44</b>	RAL-TL08-183
WaveBlok SW 1-Side, 16" OC	28	42	55	60	58	61	<b>53</b>	RAL-TL08-184
WaveBlok SW 1-Side, 24" OC	34	45	56	60	57	62	<b>56</b>	RAL-TL08-152
WaveBlok SW 2-Sides, 24" OC	42	53	60	64	64	70	<b>62</b>	RAL-TL08-155

### Approvals

WaveBlok™ SW is tested in accordance with these UL Assemblies: UL-U340, UL-U327, UL-U305, UL-U309, UL-U305, UL-U301, UL-V311, UL-U376, UL-U340, UL-U327, UL-L528, UL-450, UL-V496, UL-L521, UL-L518, UL-L550, UL-U528.



### Installation

- Surfaces to receive WaveBlok SW Acoustical Sound Barrier shall be clean and reasonably dry at time of installation
- Installers shall utilize standard recommended practices and materials as necessary to preserve the wall assembly's acoustical integrity. This includes all electrical openings, boxes, switches, plumbing, and HVAC components. Staples /self-tapping screws may be used along top of header stud and allow material to drape
- Ceiling assemblies, WaveBlok SW can be installed either on top of floor joists, on top of sub-floor, or attached to joists from below
- Do not use WaveBlok SW to surround any light fixture due to possible high temperatures and air flow requirements
- A T-bar or drywall jack may be needed to support WaveBlok SW during overhead installation
- Installation should not begin until all other trades are finished in the area
- It is recommended that areas to receive the WaveBlok SW be weather tight
- WaveBlok materials can be stiff and less pliable at low temperatures. They are best installed at or above normal room temperatures after being conditioned to the space for at least 24 hours



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