

Technical Data

Wall Blokker PRO



Acoustical Sound Barrier and Isolator

*World's First Soundproofing Membrane designed specifically to increase sound attenuation across walls –
Hit Higher STCs at a fraction of the Cost*

Commercial Acoustics Wall Blokker PRO is a specially engineered and unique sound reduction material that combines a flexible mass loaded barrier and a soft, fibrous isolation layer to mitigate sound over a wide frequency range. Designed to be used anywhere superior noise reduction is required, Wall Blokker PRO can be installed behind a finished wall during new construction or can be placed between an existing wall and an additional drywall layer. The flexibility of Wall Blokker PRO also makes it extremely effective when used to cover pipe and duct chases to reduce mechanical noises.

Product Specifications:

- Manufactured with pre & post industrial & consumer materials.
- Mass-Loaded EVA (Ethylene Vinyl Acetate) for STC improvement
- PE (Polyethylene) Scrim for IIC and Structure-Borne improvement
- Product dimensions: 4' by 8' sheet; 4' by 10' sheet & 4'x25' rolls.
- Product Weight: 1.0 lb/ft² composite nominal @ 0.118" nominal thickness.
- Standard Tolerances: Length & Width: + 0.5" / - 0.0".

Product Benefits:

- Designed specifically to attenuate sound
- Flexible & easy to install
- Thin, approximately 1/8" thick – Saves space over traditional options such as Resilient Channel & Drywall
- Dampens sound and reduces noise by up to 75%
- 3-in-1 barrier (sound, moisture and air)
- Mold and Mildew resistant
- Non-PVC (no ozone depleting gasses)
- High STC performance in single and multiple layer applications
- Sustainable: 100% fully recyclable at end of life
- 100% Made in the USA
- Made from recycled, highly engineered acoustical grade polymer.
- Polyester manufactured from recycled bottle content.



Lab Test Performance:

- Flammability rating meets ASTM E 119; fire rated loaded wall assembly.
- Thermal Resistance minimum of 3 per ASTM C 518-5.
- Product-Only Minimum STC 27 per ASTM E 90-02 or SAE J1400. STC per assembly rating on request.
- Lab and Field Tests available on dozens of configurations, including Wood and Metal Stud Walls, Single or Staggered Stud, and Various Drywall Configurations
- No fungal or algae growth and no visible disfigurement per ASTM D3273 and ASTM G 21.

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,ULU327,UL-L528,UL-450,UL-V496,UL-L521,UL-L518,UL-L550,UL-U528.

One-Third Octave Band Center Frequency Hertz	Actual Lab Test, Wall Blokker	Estimated Performance, Wall Blokker PRO
125	17	19
160	21	23
200	29	32
250	35	39
315	36	40
400	39	43
500	42	46
630	47	52
800	48	53
1000	50	56
1250	52	58
1600	51	57
2000	47	52
2500	46	51
3150	52	58
4000	57	63
STC	41	46

*Summary of Sound Transmission Loss Values

Installation:

1. Surfaces to receive Wall Blokker PRO Acoustical Sound Barrier shall be clean and reasonably dry at time of installation.
2. 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 header stud and allow material to drape.
3. On floor / Ceiling assemblies, Wall Blokker PRO can be installed either on top of floor joists, on top of sub-floor, or attached to joists from below.
4. Do not use Wall Blokker PRO to surround any light fixture due to possible high temperatures and airflow requirements.
5. For overhead placement, placement on top of drywall prior to installation is recommended.
6. Installation should not begin until all other trades are finished in the area.
7. It is recommended that areas to receive Wall Blokker PRO be weather tight. Materials can be stiff and less pliable at low temperatures.

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