

# 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'x25' rolls.
- Product Weight: 1.0 lb/ft<sup>2</sup> composite nominal @ 3/16" 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.

Tested and approved for use in all wall designs of the U300, U400, and V400 series.

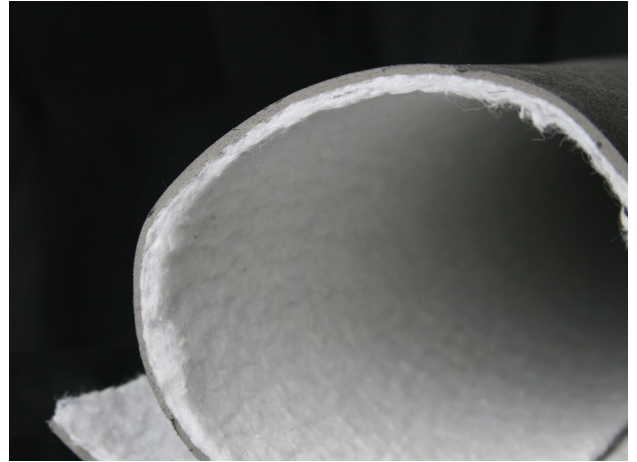


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## Lab Test Performance:

- 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.



## Installation:

1. Ensure surface is clean and dry
2. Wall Blokker PRO attached to wood studs with staples or screws, and metal studs with screws
3. Roll the Wall Blokker PRO to the proper length of the wall, measured vertically
4. Start at the top of the wall, securing the Wall Blokker PRO to the header stud with 4-5 staples
5. Roll the membrane downward, so that each edge is directly in the middle of the adjacent stud
6. Secure the membrane to the studs at 12 inches, nominally
7. Taping of the edges is optional
  - a. Mandatory if the edge does not fall on the stud
8. Use standard drywall screws when fastening drywall board to the studs through the membrane. Wall Blokker PRO is an EVA polymer that will tighten around the screws like a gasket
9. If holes/tears should take place, simply place vinyl tape over the gap
10. At bottom and top of the wall, ensure that gaps are less than or equal to 1/4". Fill in gaps with non-hardening caulk
11. For HVAC, plumbing, or electrical penetrations, fill gap with fiberglass batting as needed and close with caulk
12. For overhead placement, placement on top of drywall prior to installation is recommended
13. Installation should not begin until all other trades are finished in the area
14. It is recommended that areas to receive Wall Blokker PRO be weather tight. Materials can be stiff and less pliable at low temperatures

### Installation Overview:

- Installs vertically, directly to studs, beneath the drywall
- Scrim (white side) should be facing inward (towards the studs)
- Installation requires two or more capable technicians/hangers
- No special training required

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