

Technical Data

Wall Blokker



Acoustical Sound Barrier

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 is a highly engineered sound barrier for sound reduction. The Wall Blokker is a mass loaded barrier, which is flexible and designed for commercial, industrial and residential applications. It is used primarily behind a finished wall to block and reduce noise transfer across a wide array of frequencies and can be placed between an existing wall and a second layer of drywall. Commercial Acoustics Wall Blokker can be applied as a covering on pipe, ducting and as a cross-talk barrier.

Product Specifications:

- Made with a highly engineered recycled Acoustical Grade Polymer.
- EVA = (Ethylene Vinyl Acetate)
- Non PVC (no ozone depleting gasses)
- 3-in-1 barrier (sound, moisture and air)
- Mold and mildew resistant
- Dampens and blocks up to 75% of noise
- High STC performance in single and multiple layer applications
- Flexible easy to cut and install
- Made in the USA
- Sheet Dimensions
 - 4' by 8' sheet size
 - 4' by 10' sheet size
 - 4' by 25' roll.
- Sheet Weight
 - lb/ft² nominal (4.89 Kg/M2)
- Standard Tolerances
 - Width: + 0.5" - 0"
 - Length: +1% - 0"
 - Nominal Thickness: ±0.10"

Perfect for use in:

- ✓ Residential
- ✓ Multi-Family
- ✓ Commercial
- ✓ Hotel Rooms
- ✓ Music Rooms
- ✓ Home Offices
- ✓ Home Theater



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

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.

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

Installation:

1. Surfaces to receive Wall Blokker 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 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 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 be weather tight. Materials can be stiff and less pliable at low temperatures. They are best installed above normal room temperatures after being conditioned to the space for at least 24 hours.



Commercial Acoustics

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