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MADE IN USA

WORLDWIDE

100% Recyclable

Acoustifence Information

- Lab tested STC value of 28 represents over an 80% reduction in sound to the human ear.
- Works extraordinarily well blocking sound.
- Far less sound reflected than solid walls.
- Installed or removed in less than one hour.
- UV tolerant and does not support mold.
- Virtually indestructible, very resilient material.
- 100% recyclable
- Comprised of over 64% recycled materials.
- Will accept most paint finishes.
- To store, Acoustifence easily rolls up like a carpet.

Material Specifications

Acoustical Rating	STC 28 / OITC 22
Size	6 ft. (1.83m) x 30 ft. (9.14m) x 0.125 in (3mm) 180 ft² (16.72m²)
Weight	185 lbs. (84Kg)
Fastening	Brass Grommets every 6 in (152mm) along top edge with four grommets spaced along the bottom edge. Commonly installed horizontally.
Color	Black

Acoustifence™ Installation

Number of people: 2
Time required: 10 – 15 mins.
Items: Utility Knife, Pliers, 70 lb. Wire ties (included with purchase), Hand Truck / Dolly (optional)

1. Cut and remove the plastic wrap around the roll.
2. Tilt the roll so it is leaning against the fence. Line up the top of the roll to the top of the fence or at the desired height.
3. Begin unrolling the Acoustifence material along the fence. Have one person slowly unroll the material while the second person inserts the ties in each grommet and attaches to the fence. Insure that the material is kept taut as you install the wire ties to prevent it from sagging.
4. Remove the tape and roll core.
5. Tighten each tie so that the Acoustifence is properly lined up at the desired height. Material will relax and straighten when warmed by the sun.

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Acoustifence™ Acoustical Test Results ATI Report # 65299.01

ASTM E90 Sound Transmission Loss Measurements

ATI # : 65299.01B **Date:** 05/25/2006

Specimen: Acoustifence Sound Barrier Material

Specimen Area: 6.0 Sq. Ft.

Filler Area: 134.0 Sq. Ft.

Operator: Benjamin W. Green

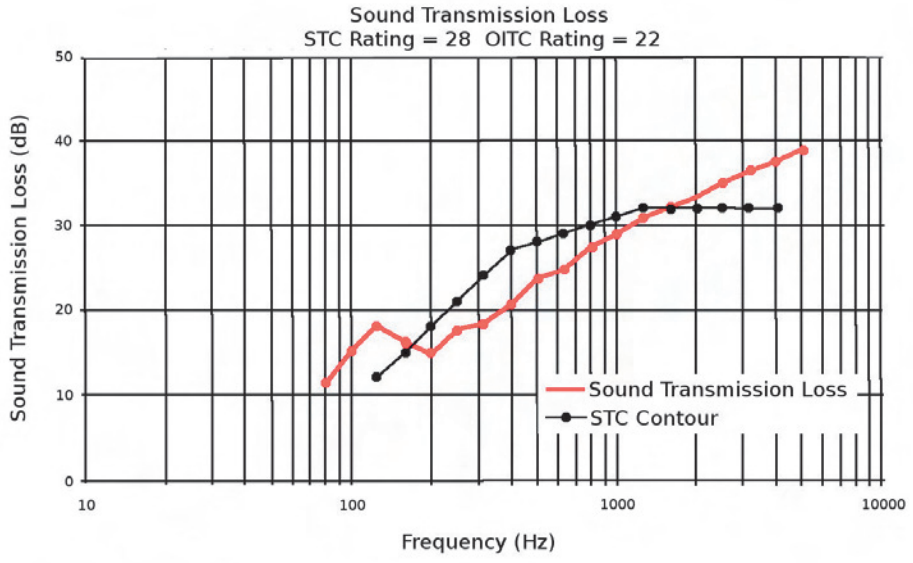
	Bkgrd	Absorp	Source	Receive	Filler	Specimen
Temp F	73.9	74.0	73.1	73.9	73.1	73.7
R. H. %	65.7	65.7	63.3	65.7	61.4	65.1

Freq (Hz)	Bkgrd SPL (dB)	Absorp (Sabines / Sq. Ft.)	Source SPL (dB)	Receive SPL (dB)	Filler TL (dB)	Specimen TL (dB)	95% Conf Limit	No. of Defici-encies	Trans Coef Diff
80	43.0	52.5	84.2	63.7	36.3	11	2.54	0	11.7
100	39.2	59.1	87.7	62.9	40.3	15	3.77	0	12.0
125	47.4	55.9	91.5	63.7	47.5	18	2.02	0	15.9
160	43.4	50.4	94.2	68.8	46.2	16	1.06	0	16.5
200	43.0	54.9	97.9	73.5	49.6	15	0.80	3	21.3
250	35.8	53.0	99.3	72.2	51.0	18	1.12	3	19.8
315	33.7	57.2	95.7	67.5	54.0	18	0.53	6	22.1
400	33.3	56.0	95.0	64.6	58.4	21	0.78	6	24.3
500	31.6	56.3	98.8	65.4	60.5	24	0.30	4	23.4
630	25.1	57.7	101.5	66.9	65.2	25	0.53	4	26.9
800	25.2	59.9	101.3	63.8	67.4	27	0.54	3	26.4
1000	23.2	62.6	101.0	61.9	72.2	29	0.49	2	29.8
1250	23.8	69.4	105.1	63.7	78.0	31	0.28	1	33.8
1600	20.1	70.2	111.4	68.6	81.8	32	0.22	0	36.3
2000	15.0	76.3	107.4	63.2	79.9	33	0.22	0	33.2
2500	7.5	86.9	105.9	59.3	74.8	35	0.23	0	26.3
3150	8.4	102.0	106.6	58.0	77.8	36	0.33	0	28.0
4000	7.7	124.9	105.6	55.0	81.1	37	0.33	0	30.2
5000	8.1	162.8	104.1	51.0	81.0	39	0.36	0	28.7

STC Rating = 28 (Sound Transmission Class)

Deficiencies = 32 (Number of deficiencies versus contour curve)

OITC Rating = 22 (Outdoor / Indoor Transmission Class)



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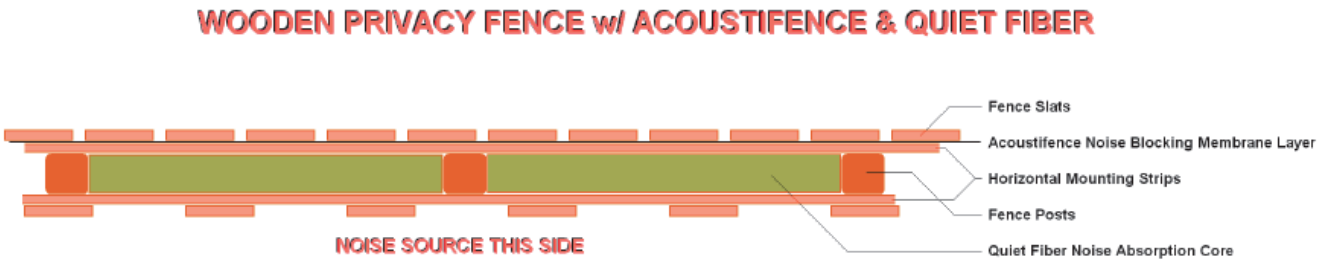
Acoustifence

Acoustifence is a limp mass, line of sight outdoor acoustical barrier designed to hang on an existing chain link fence or be incorporated into a wooden fence to dramatically increase the STC (Sound Transmission Class) of the barrier. STC is a rating of how much sound transmits through a barrier. Acoustifence attenuates more sound than the same thickness of lead and is very easy to install. It is UV resistant, will not mold or mildew and is paintable.

Creating an absorption barrier

Acoustifence & Quietfiber – You can create an absorption barrier by incorporating Acoustifence and Quietfiber into a wooden fence. Absorption barriers are needed around residential noise sources such as AC Units, Heat Pumps, Generators, compressors etc.



Creating a reflective acoustical barrier

Acoustifence – Adding Acoustifence to a wooden fence will dramatically increase the sound transmission loss through the fence and create a reflective barrier.

Shadowbox fence with Acoustifence added – reflective barrier.