

ABSORPTIVE



Silent Protector™ Benefits

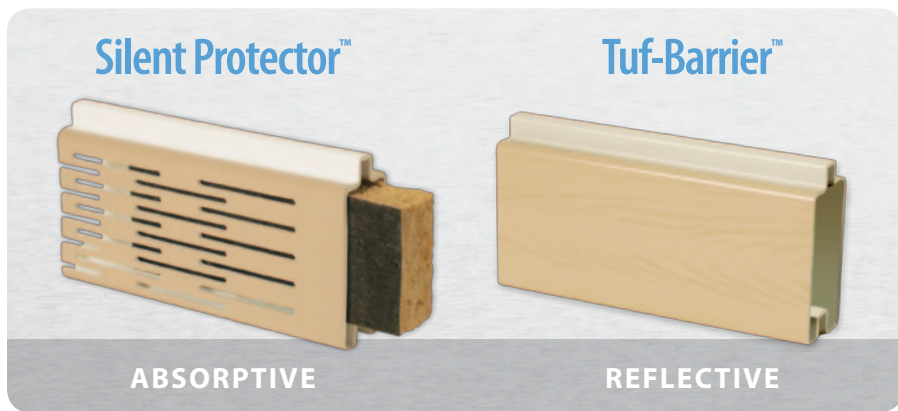
- ▶ A perforated vinyl-panel absorptive sound barrier wall system.
- ▶ STC (Sound Transmission Class) rating of 31.
- ▶ NRC (Noise Reduction Coefficient) rating of 1.0
- ▶ Ideal for absorbing commercial and industrial noise.

REFLECTIVE



Tuf-Barrier™ Benefits

- ▶ A non-perforated vinyl-panel reflective sound barrier wall system.
- ▶ STC (Sound Transmission Class) rating of 31.
- ▶ Ideal for reflecting noise in heavy traffic areas and neighborhoods.



Product Specifications	Silent Protector™	Tuf Barrier™
Length Panel	8-10ft	8-14ft
Width Panel	2.75"	2.75"
Height Panel	6"	6"
Weight sq/ft	5.20lbs	4.12lbs
Absorptive	yes	n/a
Reflective	n/a	yes
STC Rating	31	31
NRC Rating	1.0	N/A
Plain Finish	yes	yes
Embossed Finish	n/a	yes
Wind Load (height)	Please see spec drawings on our website ailsoundwalls.com	



- ▶ Cost effective
- ▶ Quick and easy to install
- ▶ Maintenance free
- ▶ Graffiti resistant
- ▶ Environmentally friendly
- ▶ Will not rust, rot, or stain
- ▶ Lightweight and durable
- ▶ Wind load tested to +140mph
- ▶ Designed to meet AASHTO guidelines
- ▶ Impervious to rain, snow, ice and sleet

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Sound Transmission Loss ASTM E90-70

Octave Band Number	2	3	4	5	6	7	STC
Center Frequency (Hz)	125	250	500	1000	2000	4000	—
Silent Protector™	20	21	26	40	40	44	31
Tuf-Barrier™	21	21	28	40	45	53	31

Sound Absorption Coefficients ASTM C-423-66

Octave Band Number	2	3	4	5	6	7	NRC
Center Frequency (Hz)	125	250	500	1000	2000	4000	—
Silent Protector™	0.41	0.84	1.19	1.06	1	0.81	1.0

AIL Sound Walls, formerly HLH Walls
(Harder Luckey & Hargrave Inc)
is a member of the AIL Group of Companies.

