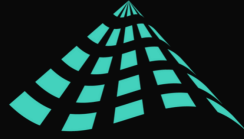
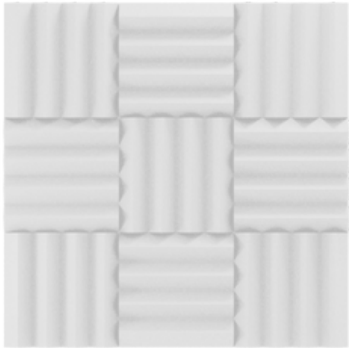


SoundAssured



WHITE ACOUSTIC FOAM (MELAMINE)

PRODUCT GUIDE



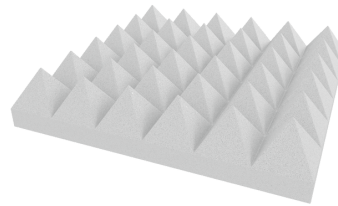
Noise Reduction Ratings

Below are the absorption coefficients and NRC ratings. Our acoustic foam panels are designed to eliminate echoes and reduce reverberation.

Absorption Ratings

Pyramid

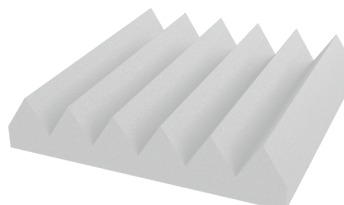
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.24	0.45	0.81	0.8	0.89	1.02



Absorption Ratings

Wedge

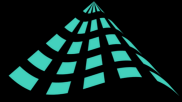
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.25	0.47	0.83	0.82	0.92	1.04



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Installation

Recommended Adhesives (sold separately)

- Loctite PL Premium Polyurethane Construction Adhesive

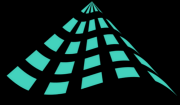


- Liquid Nails Construction Adhesive



- Prepare the installation area by cleaning it thoroughly.
- Put on safety goggles and, if desired, a dust mask.
- Measure and mark the desired mounting surface.
- If needed, use an electric kitchen knife or utility knife to cut the panel.
- Load the construction adhesive tube into a caulking gun.
- Apply a continuous bead of adhesive along the back of the foam panel along the edges.
- Use more adhesive in the middle if desired.
- Position the panel against the wall, aligning it properly.
- Press the panel firmly to ensure good contact. *Do not press too hard or the panels will dent.*
- Hold it in place for a few seconds to allow the adhesive to set.
- Wipe off any excess adhesive and let it cure according to the manufacturer's instructions.

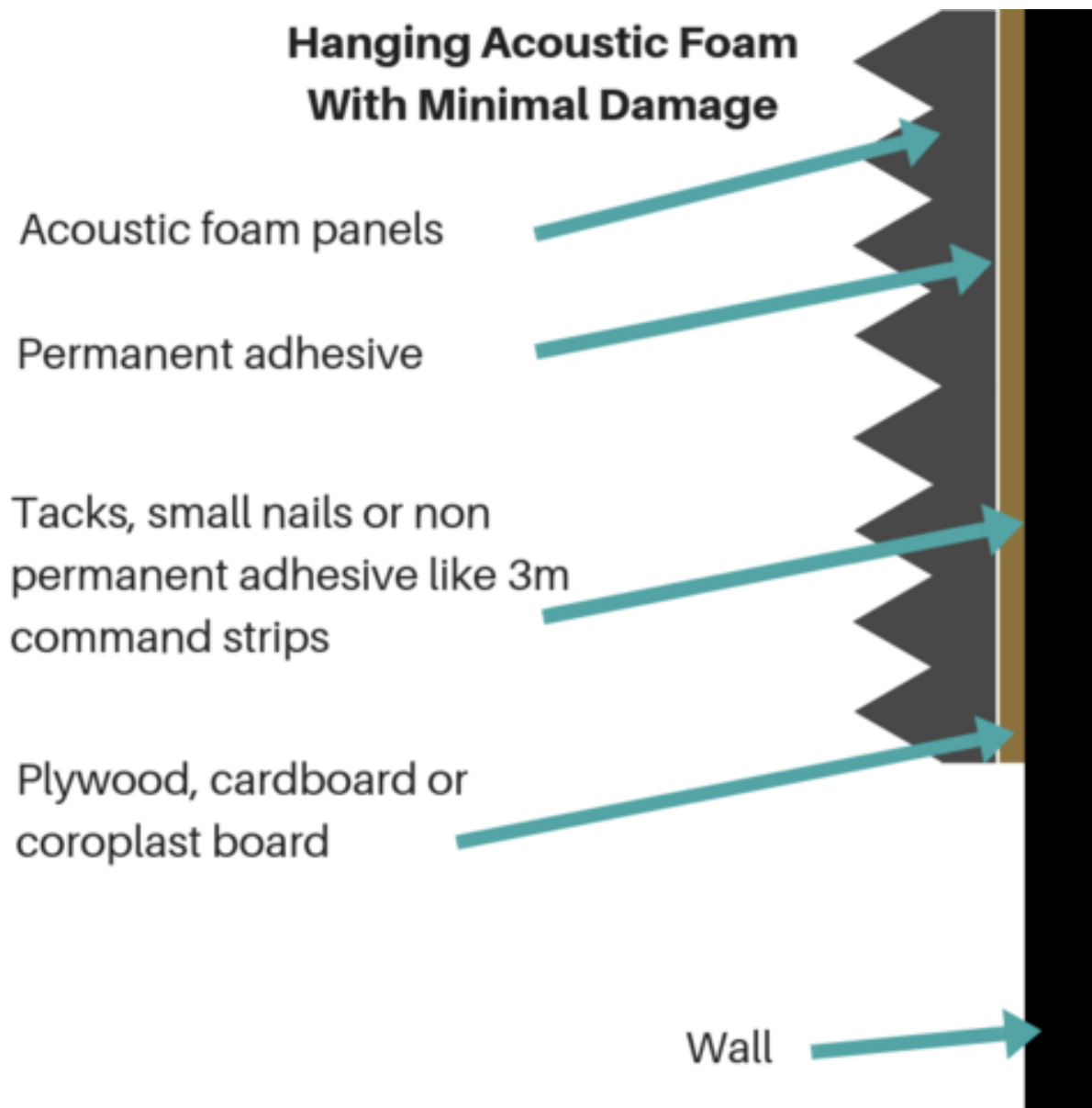


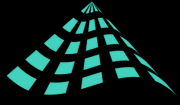


Installing Acoustic Foam With Minimal Damage

If you are renting and do not want to leave the walls with residue from adhesive or holes from push pins then your best bet would be the 3M command strips for hanging pictures. These can be peeled off without leaving residue behind on the wall.

Another cool technique is to mount the acoustic foam to a piece of plywood, thick cardboard, coroplast or white boards with adhesive. Then, rest or hang the assembled panel on the wall. This not only saves your walls but it also gives you the freedom to move the panels around for sound testing or take them with you when you move.





General Maintenance

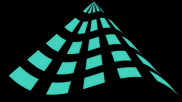
- Do not let the foam get wet. If the foam gets water inside the pores then mold and mildew may form.
- Keep out of direct sunlight for maximum lifespan.
- Remove light dust from acoustic foam regularly. Depending on your room conditions you can expect to remove dust 1-3 times per year.
 - Use a vacuum and gently glide over the foam to remove any dust
 - Make sure to use an upholstery attachment to avoid damage to the foam
 - A damp rag can be used to wipe the panels and remove dust
 - Do not use a wet rag! Make sure the rag is damp not wet.

Cleaning Acoustic Foam If Stained

- To remove stains use a damp rag, dish soap, or gentle all purpose cleaner.
 - These panels are made of melamine which is the same thing as a magic cleaning sponge. Many light stains can be cleaned with a damp rag. Make sure the rag is not too wet. Also, make sure to let the foam dry after cleaning. You can set it in front of a fan or use a blow dryer on no heat.
 - Mild Dish Soap: Diluted mild dish soap is often a safe choice for cleaning melamine foam. Look for dish soaps that are labeled as gentle or mild, as they are less likely to contain harsh chemicals.
 - Gentle All-Purpose Cleaners: Some all-purpose cleaners are formulated to be gentle on various surfaces, including foam materials. Look for all-purpose cleaners that are labeled as suitable for delicate surfaces. An example of a gentle all purpose cleaner is
- Do not clean the foam with harsh chemical cleaners! Many of these cleaners contain ingredients that will damage the foam.

Cutting Acoustic Foam

- For best results use an electric kitchen knife like the one you use to carve a turkey.
- You can also use box cutters or scissors for a less clean cut.



Foam Properties

SoundAssured White Acoustic foam is an open cell melamine foam that is specially formulated to ensure high acoustical performance. Acoustic foam is used for sound absorption, echo reduction, sound filtering and sound deadening. Average lifespan is 10 to 15 years.

Fire Rating: ASTM E 84 - Class A

Test Results:

Test data and observations:

Ignition time:	20 seconds.
Maximum flame spread (ft):	2
Time To Maximum Spread:	26 seconds.
Observations of the burning characteristics	No
Test Duration:	10 minutes.
FS*Time area (ft*min):	19.7
Smoke area (%A*min):	24.4
Red oak smoke area (%A*min):	90.8

Summary of results:

Flame-spread Index (FSI)	Smoke-developed Index (SDI)
10	25

All values reported are typical values. We cannot guarantee the applicability or the accuracy of this information or the suitability of the product for any particular purpose. This product is sold without warranty, expressed or implied. (Unless stated otherwise.) Buyer assumes all responsibility for loss or damage arising from the handling and use of this product, whether done in accordance with directions or not. Statements concerning the possible use of this product are not intended as recommendation to use this product in the infringement of any patent.

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Questions?

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