



## Specification Sheet

### Luxury Liner



**Luxury Liner** is a two part composite mat consisting of a vinyl barrier laminated to an open celled acoustical foam. Luxury Liner is designed to reflect and reject specific airborne sound waves associated with Road, engine and exhaust noise.

For best results, apply Luxury Liner on top of a vibration damper like Damplifier Pro or Spectrum.

### Luxury Liner Pro



**Luxury Liner Pro** is our best automotive noise barrier, it is our Mass Loaded Vinyl Barrier (MLV).

It should be applied on top of a vibration damper like our Damplifier Pro mat, in order to block airborne sound waves & create luxury car silence. When you buy our MLV noise barrier Luxury Liner Pro, the foam is already attached to the mass loaded vinyl. This saves you another step during the install process. It also saves you the hassle of buying a toxic 3rd party vinyl adhesive.

We chemically melt the foam to the MLV vinyl so that there is no chance of the foam delaminating from the MLV vinyl. If your goal is tomb-like silence, Luxury Liner Pro is a must.

MLV noise barriers like Luxury Liner Pro go on top of CLD vibration damping mats like our Damplifier Pro CLD sound deadener mats, to block out the airborne sound waves from tires, exhaust and engine noise. The contact adhesive should always go on the foam side of Luxury Liner Pro MLV. The foam side should then get applied on top of the foil side of our CLD sound deadener Damplifier or Damplifier Pro. The vinyl side of MLV Luxury Liner Pro will always face the passengers in the car.

### What is the difference between Luxury Liner and Luxury Liner Pro?

Both MLV noise barrier products reduce airborne noise and both incorporate a heavy Mass Loaded Vinyl barrier but use different sound absorbing foam decouplers. Regular Luxury Liner is bonded to an open celled foam while Luxury Liner Pro is bonded to a closed cell foam.

The purpose of the foam on MLV noise barriers is two part. First, it elevates the MLV vinyl off of the CLD sound deadener, acting as a decoupler helping to slow down the transfer of airborne noise. Second, the foam decoupler on the MLV noise barrier filters out high range airborne sound waves, helping to increase the overall sound deadening and noise damping results of the mass loaded vinyl barrier.



## Installation Instructions

1. For best results Luxury Liner should be applied on top of a constraint layer damper such as Damplifier or Damplifier Pro or as the final layer in a multi-layer sound deadening approach.
2. After the upholstery or carpet is out, remove loose debris, rust, dirt, and waxy oils to insure a solid contact with Luxury Liner.
3. Cut Luxury Liner to the desired size with a sharp utility knife upholstery scissors, or with an electric carving knife. (Yes, a turkey carver). Be sure to cut Luxury Liner to the specific size that permits you to reinstall all carpet and upholstery trim. Do not cover wires, drain holes or mechanical devices.
4. Spray a high tack contact adhesive such as the Second Skin Spray Adhesive on both application surfaces. Apply one heavy coat on the foam side of Luxury Liner, and one heavy coat on the application panel. Be mindful of adhesive overspray and ventilation.
5. Allow two minutes to pass before resuming installation.
6. After two minutes has passed, slowly attach the tacky side of Luxury Liner to the tacky side of the panel.  
Apply constant pressure over the entire surface area for five additional minutes to insure an aggressive connection between materials.
7. Seal the exposed edges and seams of Luxury Liner with Second Skin Foil Tape.
8. Factory carpet can be replaced immediately. Aftermarket carpet kits that are glued in to place can be attached directly to the exposed foil side of Luxury Liner.

## Recommended Installation Locations

Always apply Luxury Liner to the interior of the cars cabin with the vinyl side showing. Best results are obtained when applied on top of a vibration damper such as Damplifier, Damplifier Pro, or Spectrum and Firewall coatings.

- Firewall – To dissipate engine noise and reduce some heat
- Trunk - Floor, quarter panels and wheel wells to reduce road noise and exhaust drone.
- Floor – Entire floor including under the rear seats to reduce road noise, engine noise and exhaust noise.

Underhood | Firewall | Engine compartment

Trunk | Trim panels

Floor pan | Firewall | Transmission Tunnel

