

How much will Q-Mat Sound-Shield quieten my car?

It depends on how much you apply, where you apply it and how well it was applied.

For example, applying just a full Q-Mat Sound-Shield door kit can reduce road and traffic noise by about 3dB. Further floor, boot and roof fitment may reduce noise to a total of 6dB.

The contrast between 'before and after' is obvious. Engine, wind, traffic, vibration and tyre noise will be fraction of the level it had been before.

With Q-Mat deadening, your original sound system will sound better. The mid range and high frequency will be clearer and more defined. The bass response becomes more solid.

You will find that when you shut your doors, you get a solid thump much like a more expensive luxury car.

Tap the doors from the outside with your knuckles and you get a satisfying deep thud – not a tinny rattle !

What part of the vehicle should I do first?

It is recommended that you apply a full door kit first. A majority of outside noise comes into the car through the doors. As speakers are generally mounted in the doors, the fitment of Q-Mat Sound-Shield can increase the speakers performance. The doors sheet metal may be vibrating and create resonance noise in the door.

Fitting a door kit can make the biggest initial difference.

It is recommended to apply Q-Mat Sound-Shield to both outer and inner door skins for the best affect – usually 2 sheets per door is required.

Is it necessary to use deadening when upgrading the audio system?

Most people don't realize how noisy their cars really are. Most cars are inherently noisy acoustical environments. For example, inside your car you will hear noise from the engine, exhaust, road & tyres, wind, traffic and all other outside sounds. When combined with light weight sheet metal, plastic and glass no wonder it is noisy with very little in the way of manufacturers sound deadening materials.

Stereo speakers are mounted in quite flimsy sheet metal door panels which can also vibrate or cause resonance whilst driving. If the audio system is enhanced with bigger and better speakers and then the amplifier power is upgraded, then without Q-Mat Sound-Shield, vibration and resonance increases dramatically and sound quality suffers.

How much weight will be added when full car is installed?

A 9 sheet kit of Q-Mat Sound-Shield weighs just over 11kg, which is sufficient for 4 doors.

If Q-Mat is fitted to all doors and the boot, then it is likely that the weight will add about 20kg – about the same as an airline suitcase. It is negligible when a typical car weighs 1500kg.

The weight is also evenly spread around the car so road handling and balance is not affected.

Why choose Q-Mat Sound-Shield ?

Our product is specially designed for automotive applications. We use the best raw materials and best processing technology, with strictly quality control! The Mongoose Q-Mat Sound-Shield material is a light-weight, elastomeric butyl and aluminium constrained-layer vibration damper. With multi-layer composite, Q-Mat Sound-Shield not only reduces noise and vibration but can also isolate the heat from outside the car. The Q-Mat Sound-Shield is easily cut and moulded to all the variety of shapes inside your vehicle and self adheres to sheet metal and other hard surfaces.

(Not suitable for under bonnet applications)