

# QuietCar<sup>®</sup> OEM

**Soundproof  
Coating**

Can achieve loss factors equivalent to conventional damping materials with 16% of the weight and 6% of bulk of old mat and undercoating methods.



- **Rust-resistant**
- **Fire-retardant**
- **Automated spray lines**

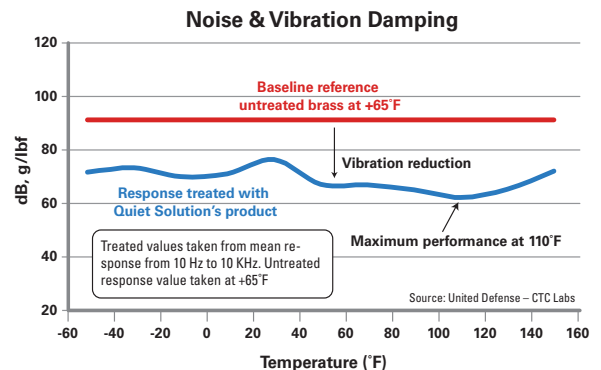
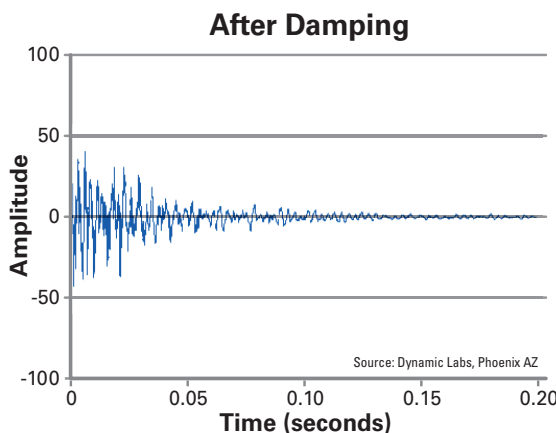
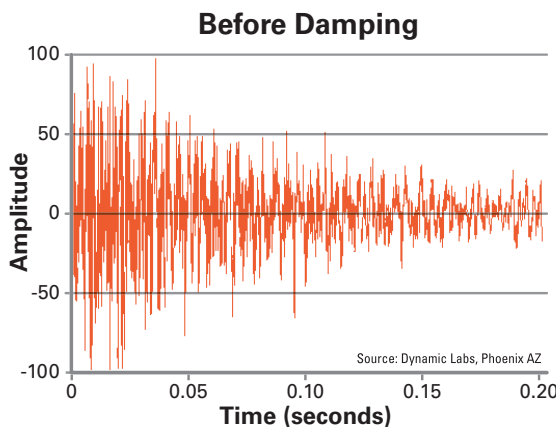
**For OEM use in commercial and industrial vehicles. Rugged noise and vibration coating resists damage from sand, gravel, salt and petroleum products. Advanced viscoelastic polymer is formulated nonflammable, fire-retardant, rust-resistant, non-toxic and anti-fungal. Environmentally friendly. Lab tested.**

Fire tested to comply with FMVSS 302

Water-based and fully compliant in every state, ultra-low VOCs

Available in 5-gallon, and 50-gallon containers

- Advanced polymer formulation. Not simply a noise barrier, but a noise and vibration absorber with a very high material loss factor of 0.7
- Specifically engineered for use on automotive body surfaces, such as metals and composites
- Easily applied with brush, roller, airgun, compressed air or airless sprayer
- Typical noise reduction from 6dB to 20dB depending on application
- Accelerated drying times with heat in under 20 minutes



Simple  
Clean  
Fast  
Effective

**Environmentally friendly  
ISO9001 pending**



# QuietCar<sup>®</sup> OEM

## Soundproof Coating

Soundproofing for high-volume factory production of consumer and commercial vehicles

- Rust-resistant
- Fire-retardant
- Environmentally friendly

### Description

QuietCar OEM is a water based non-toxic damping compound with a very high noise & vibration loss factor. Optimized for automobile high-volume production applications. The product has excellent adhesion to metal and composite materials and is waterproof after curing. Results range from 6dB to 20dB of overall noise reduction depending on application.

### Uses

QuietCar OEM should be used to reduce noise and vibration in automotive sheet metal, plastics, fiberglass and composite designs.

### Examples

- Can be used as replacement for conventional damping materials such as asphalt-based mats saving cost, time, weight and bulk.
- Can be used to lower the weight of a certain design while maintaining the target transmission loss factor
- Can be used with automated production techniques to reduce total cost

### Application of the Product

The surface must be free from grease and dirt. Bare steel surfaces may be primed before being sprayed with QuietCar OEM.

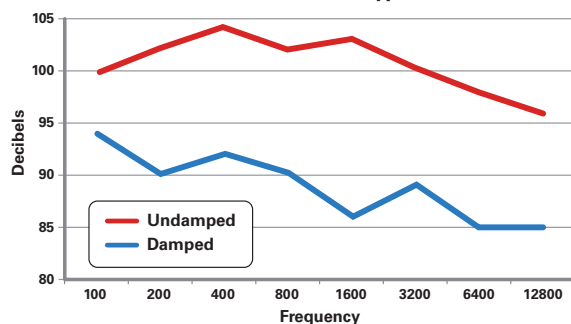
Apply with any modern automated spray line. Apply in single coats of 1.0mm thickness. Thicker coats and multiple coats enhance the damping properties. See dry-to-recoat chart to determine drying time needed before a second coat is applied (this is also the tack-free time).

With moderate heating of the metal substrate, the coating will cure in 10 to 20 minutes, but continue to develop absorption properties over a 7 day period. After the product is fully cured it can be sanded or painted if desired.

### Technical Data

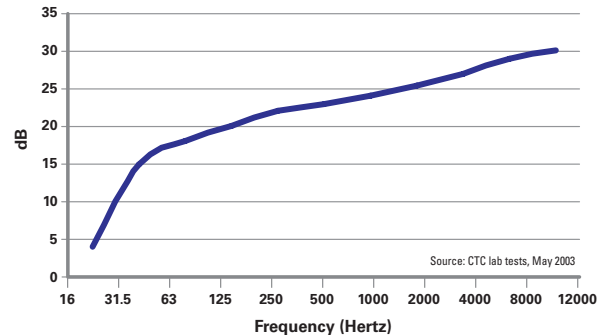
<b>Color</b>	Black
<b>Odor</b>	No odor after curing
<b>Density</b>	1650 kg/m <sup>3</sup>
<b>Solid Content</b>	Approx. 77% by weight
<b>Viscosity</b>	4,000 cP
<b>Fully Compliant</b>	Ultra low VOCs (<30g/l)
<b>Flash Point</b>	Above 250°F (121°C) Note: Will not burn
<b>Apply at</b>	45°–100°F (7°–38°C)
<b>Layer Thickness</b>	0.040" (1.0mm)
<b>Recommended Coverage</b>	2 coats @ 20 sq. ft./gal. 3 coats @ 13.3 sq. ft./gal.
<b>Storage Temp</b>	40°–100°F (5°–38°C) Do not freeze
<b>Shelf Life</b>	One year
<b>Wet weight</b>	12.58 lbs/gal
<b>Weight after curing</b>	8.5 lbs/gal 0.6lbs/ft <sup>2</sup> at 3mm thick 0.4lbs/ft <sup>2</sup> at 2mm thick

**dB Reduction in Noise - Typical Results**

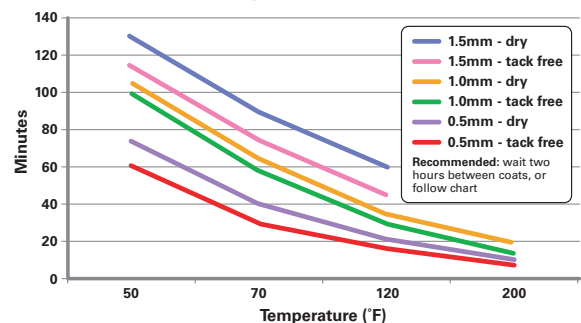


Made in America

**Acoustic Loss**



**Dry-to-Recoat Time**



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