

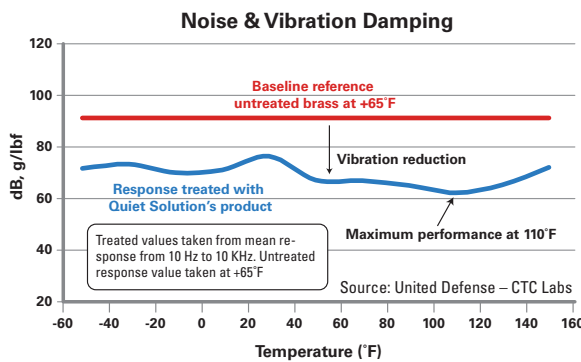
QuietAir®

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



Soundproof coating for aircraft and helicopters. Noise and vibration damping compound is engineered specifically for coating stainless steel, galvanized, iron, aluminum and composite (reinforced plastic) materials on aircraft and helicopters. Advanced polymer is formulated nonflammable, non-toxic, rust-resistant and anti-fungal. Environmentally friendly. Lab tested.

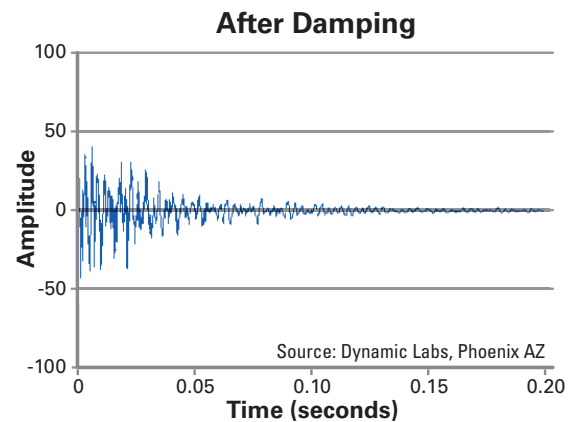
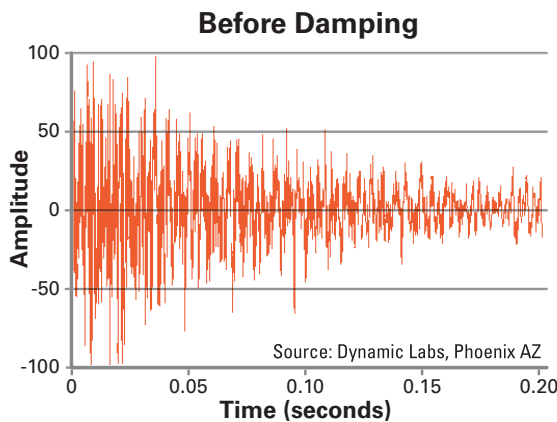
Meets FAA/FAR flammability tests for aircraft



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

Available in 16 oz spray can, 32 oz, 1-gallon, 5-gallon, and 50-gallon containers

- A highly advanced product. Not simply a noise barrier, but a noise and vibration absorber
- Specifically engineered for use on non-porous surfaces such as metals, fiberglass, plastics etc.
- Easily applied with brush, roller, airgun, or airless sprayer
- Typical noise reduction from 6dB to 20dB depending on application
- Accelerated drying times for handling in under 20 minutes



Simple
Clean
Fast
Effective

QuietAir®

Examples

- Can be used as replacement material for conventional damping materials such as asphalt based mats if a higher loss factor is required and/or if the installation time is limited
- Can be used to lower the weight of a certain design while maintaining the loss factor
- Can be used in automated production of new products and vehicles to reduce the total cost of the noise and vibration damping efforts

Application of the Product

No undercoating required. Do not thin the material. The surface must be free from grease and dirt. Bare steel surfaces may optionally be primed before being sprayed with QuietAir.

Apply with brush, roller, or airless sprayer. A compressor based air spray gun may also be used. 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).

The coating is cured in 24 hours, however will continue to develop noise absorption properties for up to 7 days. After the product is fully cured it can be painted if desired.

See MSDS and Application Notes for further information.

Material Colors Available



Gray



White

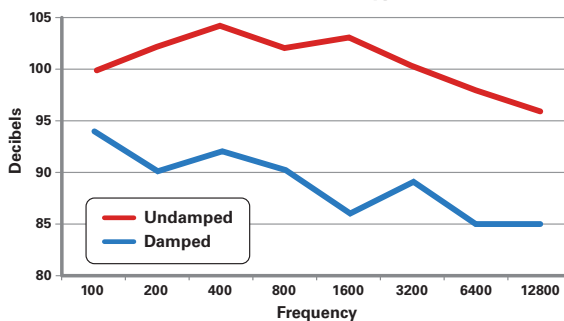


Black



Aluminum

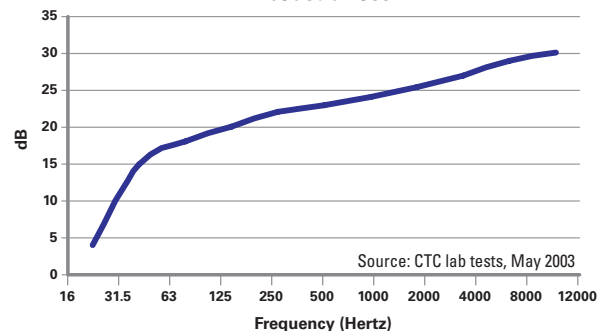
dB Reduction in Noise - Typical Results



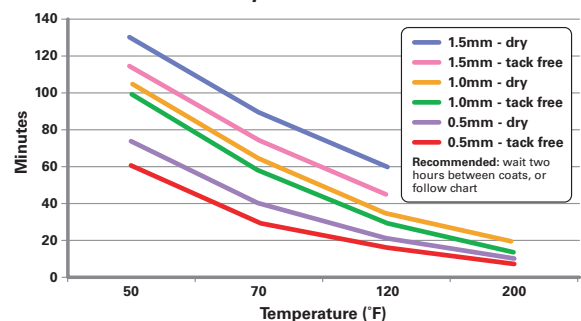
Technical Data

Color	Gray, white, black, aluminum
Odor	No odor after curing
Density	1,650 kg/m ³
Solid Content	Approx. 77% by weight
Viscosity	4,000 centipoise
Fully Compliant	Ultra low VOCs (<30g/l)
Flash Point	Above 250°F (121°C) Note: Will not burn
Apply at	45°–100°F (7°–38°C)
Layer Thickness	0.02"–0.06" (0.5–1.5mm, 20–60 mils)
Coverage	20–40 sq. ft./gal typical
Storage Temp	45°–100°F (5°–38°C) Do not freeze
Shelf Life	One year
Weight	12.58 lbs/gal
Weight after curing	8.5 lbs/gal
Material Loss Factor	0.7

Acoustic Loss



Dry-to-Recoat Time



Quiet Solution
1250 Elko Drive
Sunnyvale, CA 94089

1-800-797-8159
info@QuietSolution.com
www.QuietSolution.com