

QuietCoat®

QC-118

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

Ideal for:

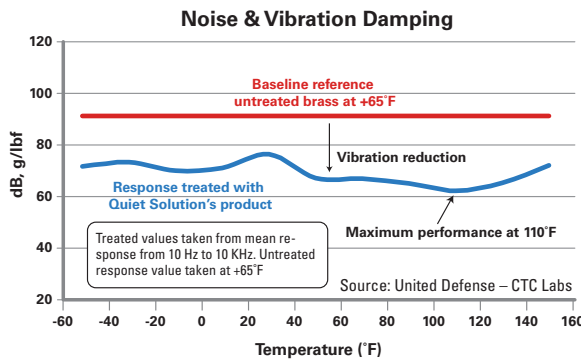
- Metal studs
- HVAC ducts
- Steel roofs
- Appliances



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

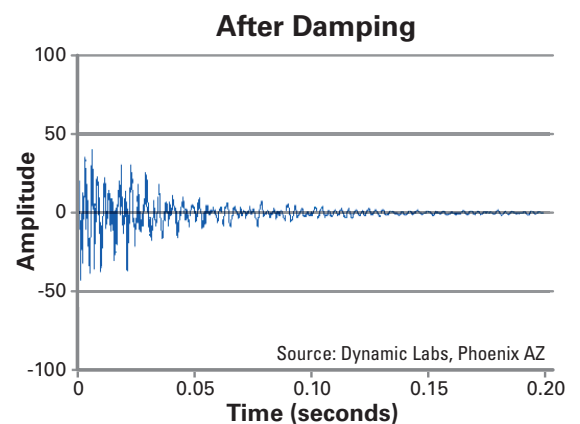
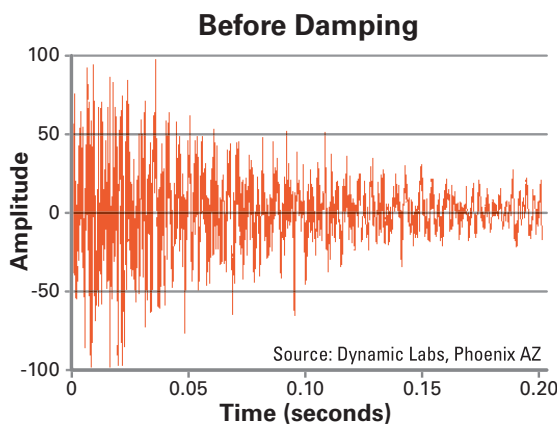
Water-based and fully compliant in every state, ultra-low VOCs

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



- Typical noise reduction from 6dB to 20dB depending on application

- A highly advanced product. Not simply a noise barrier, but a noise and vibration absorber
- Specifically engineered for use on metals (e.g. steel, iron, galvanized, stainless), aluminum, brass, copper, alloys, plastics, PVC, composites and other nonporous materials for the reduction of noise and vibration in metal studs, motors, HVAC, metal roofs, etc.
- Easily applied with brush, roller, airgun, or airless sprayer
- Accelerated drying times for handling in under 20 minutes



Simple
Clean
Fast
Effective



Examples

- Ideal for metal studs, HVAC ducts, metal roofs
- For use in machinery and appliances such as washing machines, dryers, dishwashers, etc.

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 brushed or sprayed with QuietCoat 118.

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 (shown on chart as tack-free time).

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

See MSDS and Application Notes for further information.

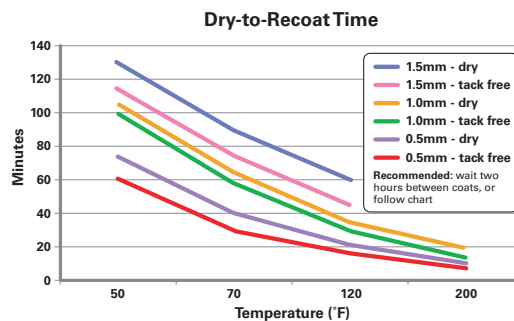
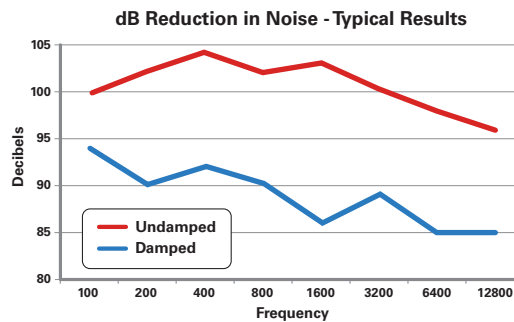
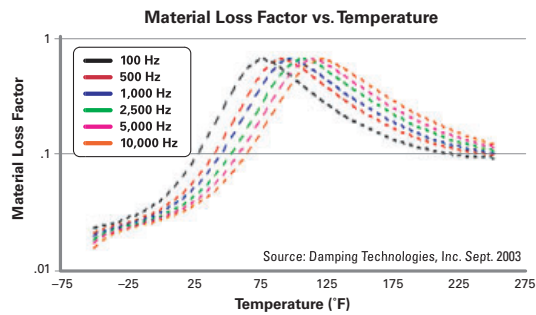
For metal studs and HVAC ducts, apply one or two coats with brush.

Coating Guide

Coats desired	1	2	3
Thickness	0.04" 1mm	0.08" 2mm	0.12" 3mm
Weight after curing	0.21 lb/ft ² 1.04 kg/m ²	0.43 lb/ft ² 2.08 kg/m ²	0.64 lb/ft ² 3.12 kg/m ²
Coverage	40 ft ² /gal 3.72 m ² /gal	20 ft ² /gal 1.86 m ² /gal	13.33 ft ² /gal 1.24 m ² /gal

Technical Data

Color	Gray, custom colors also available
Odor	No odor after curing
Density	1,650 kg/m ³
Solid Content	Approx. 77% by weight
Viscosity	4,000 centipoise
Fully Compliant	Ultra lowVOCs (<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)
StorageTemp	45°–100°F (5°–38°C) Do not freeze
Shelf Life	One year
Weight (wet)	12.58 lbs/gal
Weight after curing	8.5 lbs/gal



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