

QUIETCOAT



TECHNICAL CHARACTERISTICS

Sizing 5 Gallon Bucket

FEATURES

- Typical Noise Reduction of 6dB to 20dB
- Highest Performing Damping Coating Today
- Easily Applied with Brush, Roller, Air Gun or Airless Sprayer
- Fully ROHS Compliant
- Ultra-Low VOC's (qualifies as a Zero-VOC Product in all 50 states)
- Meets the Highest Industry Flammability Standards
- Less Expensive, Easier to Apply, More Effective, Thinner, and Weighs Less than Older Technologies
- Anti-Fungal and Anti-Rust Capability
- Vibration Damping Results in Less Noise and Vibration and Reduced Metal and Joint Fatigue
- Solid Content <77 wt %
- Density Wet - 13 lb/gal (1560kg/m³) Dry - 8.5 lbs/gal
- Viscosity 4,000 Centipoise
- Compliance Low VOCs (<30 g/l)
- Drying Time 72 Hours
- Coverage 40 - 80 sqft/gallon
- Storage Temp 45° - 100° F
- Do Not Freeze

APPLICATIONS

- Computer Cases, Consumer Electronics, Appliances, Factory Process and Material Handling, Numerical Controlled Machinery, Lathes, Vibratory Feeder Bowls, HVAC, Air Handling Units, Ducts, Elevators, Escalators

DESCRIPTION

QuietCoat is the leading sprayable viscoelastic polymer for noise and vibration damping. For use on steel (iron, galvanized, stainless), aluminum, brass, copper, alloys, plastics, PVC, composites and other nonporous materials.

APPLICATION NOTES

Surface Preparation: All grease, oil, lubricants, waxes, polishes, or other materials that can prevent Quiet (Car/Boat,Coat,Ship) from adhering must be removed. Most of these materials can be removed with pressure washing or an aggressive household cleaner such as Formula 409. Paint does not need to be removed; however, smooth surface or glossy coatings must be abraded by sandpaper or sandblasting. Loose dirt, rust or other debris must be removed by abrasion or acid wash. If the cleaning process exposes bare, anodized or powder coated metal, the metal should be abraded and/or primed with an adhesion promoting primer such as Dura-Clad Universal Bonding Primer. Follow paint manufacturer's instructions for surface preparation before priming. Proper surface preparation is a key element of a long lasting durable coating.

Application Preparation: QuietCoat 118 liquid must not be allowed to freeze prior to use or while it is curing. After it has completely cured, it can withstand temperatures from 120° to 350° F without failing. For application methods such as rolling or brushing QuietCoat 118 can be applied as it comes from the factory. **DO NOT THIN MATERIAL.**

Spraying Pros: Spraying is the most efficient method to cover larger areas or for high volume production use, especially with irregular surfaces that are hard to reach with roller or brush. Spraying quickly applies a thick, even coat, that will appear somewhat bumpy (this is normal). Use either a standard air sprayer or airless compressor (preferred). **Cons:** Requires surface protection, e.g. masking, covering with tin foil, plastic wrap or paper; requires cleaning the spray equipment. Typical thickness per layer is about 1mm (0.40").

Rolling Pros: Rolling is much more controlled and precise than spraying and minimizes over-spray and splattering. Therefore less protective preparation is needed when rolling QuietCoat 118. Use a standard paint roller with 1/2" nap. **Cons:** Rolling will typically apply less material than spraying. **Cons:** Rolling is not a preferred method unless absolutely necessary.

Brushing Pros: Applies lots of material quickly. Use any brush that is appropriate for water-based latex paint. **Cons:** The surface of the QuietCoat 118 may show brush marks.