



Application of Second Skin Spectrum

Second Skin Spectrum is designed to adhere to metal surfaces, but you also can use it on plastic and fiber glass with a self-etching primer like POR-15. Spectrum can be applied with a brush, roller, or air spray gun. At the required thickness of 40 mils (1 mm) per layer, 1 gallon will yield 40 sq feet of coverage. We recommend at least 2mm of total thickness, achieved by applying two 1mm layers. Additional coats will increase the noise and vibration damping properties and can be applied once the Spectrum has skinned over and changed color from dark blue to black. The drying process can take up to an hour depending on heat and humidity levels. See the chart below to determine the dry-to-recoat time based off the temperature. Spectrum will be dry to the touch after 30 to 60 minutes but will take 24 hours to cure enough to replace the upholstery or wheel liners. Full sound deadening properties will be achieved after 7-10 days.

Application Methods

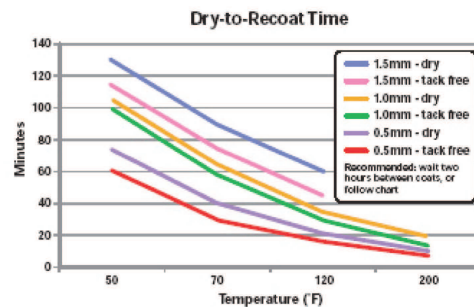
Spraying is the most efficient application method to choose for coating irregular surfaces. Prior to spraying Spectrum everything close to the application panel should be covered and masked off for over spray protection. A minimum thickness of 1mm is required to achieve sound deadening results. We recommend applying between 2 and 5 coats depending on the level of sound deadening your project requires.

Brushing is the more popular choice for Do-It-Yourself applications of Spectrum. Simply dip a paint brush or roller in to the bucket and paint Spectrum on any panel that vibrates. A minimum thickness of 1mm is required to achieve sound deadening results. We recommend applying between 2 and 5 coats depending on the level of sound deadening your project requires.

Spraying equipment

Airless sprayers: - An airless sprayer with at least 3000 psi will work extremely well. A 0.019” nozzle is required with a hose length no longer than 1 yard. Clean the spray gun within 20 minutes of use so Spectrum does not set inside the gun. Hold the gun 6 -10 inches from the panel and apply Spectrum with a sweeping motion. If Spectrum runs, you are applying it too thick.

Air Gun: - You will need a spray gun designed to shoot high viscosity water based acrylic polymers. An air compressor with 50-80 psi and a 6 gallon tank is ideal (smaller units will take longer to fill up between sprays). Clean the spray gun within 20 minutes of use so Spectrum does not set inside the gun. Hold the gun 4 -8 inches from the panel and apply Spectrum with a slow sweeping motion. If Spectrum runs, you are applying it too thick.



Product Information Summary

- Apply Spectrum at minimum of 1mm per layer, whether you spray or paint it.
- Additional layers can be applied once Spectrum turns black.
- Upholstery can be put back after 24 hours.
- Each 1mm layer will take 30-60 minutes to dry.
- Spectrum has no odor after fully cured.
- Allow 7-10 days to achieve full sound deadening properties and to apply paint or bed liner.



Second Skin Insulation

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