



**AOM SPRAY EQUIPMENT
5005 SANBUSCO DR. NE
RIO RANCHO, NM 87144
505-867-1946
FAX 505-867-1948**

TIPS FOR SPRAYING LATEX

Spraying requires practice, particularly vertical surfaces. Before using any of the paints try a test pattern or two.

- Do not use the cup filters that come with the gun. They are usually too fine a mesh and will just clog. Use a cone strainer instead and strain the paint into the cup. Stir paint before straining.
- Reducing viscosity too much increases chance of runs and sags on vertical surfaces. It is better to use a larger fluid tip instead of thinning the product.
- Gun should be 6 – 8 inches from surface.

SPRAYING LATEX PAINT

Latex paint is a difficult task for most spray guns, but with proper thinning and tip size you should get good results. You should use at least the 1.7mm or 2.5mm fluid tip for gravity feed guns, and a 1.3mm thru 2.5mm for pressure feed systems. The smaller the fluid nozzle the better your finish but it is slower and a smaller pattern.

Latex paint should be thinned for HVLP spraying. Typically 5-10% for pressure feed and 10% for gravity. We recommend adding a product called Floetrol to improve paint flow.

The paint should be at room temperature, viscosity increases when cold. Add water and stir. If it doesn't spray, we recommend you add an ounce of water until a spray pattern is obtained. Use the maximum recommended gun pressure for HVLP compliance. Most manufacturers do not recommend reducing more than 10%. Spray with Floetrol for better flow.

Keep in mind that Floetrol is not a thinner.

You want to add the least amount of water to the paint and yet get it sprayable at the lowest pressure to maximize HVLP. When using a pressure pot system increase the pot pressure to 5-10 psi. and maximum recommended gun pressure for HVLP compliance. If orange peel is present try increasing spray gun pressure. Add more water or add Floetrol.

SPRAYING OIL-BASE PAINT

Oil base paint can be sprayed without thinning. We recommend spraying it thinned 5%. Use a 1.5mm setup in pressure feed and 1.7mm-2.0mm in gravity feed. If using a siphon feed you will need to thin with lacquer thinner and use a 2.0mm fluid nozzle.

Spray a light coat and wait several minutes before spraying a heavier coat. This will keep the last coat from sagging.

SPRAYING ACRYLIC (NON LATEX) WATER BASE PAINT

When spraying water base acrylic paint use a 1.0mm-1.4mm for pressure feed and a 1.7mm for gravity feed.

Try to get a medium fluid delivery and use the upper air atomization pressure without violating air quality standards. Spray a light tack coat, then come back after a few minutes and spray a heavier coat.