



Pro-Tek 4000 Paint Gun Instructions

With the discontinuation of the Finishline 4 paint gun in 2021, we were forced to find a new paint gun to adopt as our recommended gun. After evaluating many options and considering performance, availability, customer support, as well as price point, we have selected a new paint gun: the Pro-Tek 4000. We have actually come to prefer this gun over the Finishline for its **ability to atomize efficiently** and its **extremely wide spray pattern**. We think that you will also find it to be an exceptional paint gun at a good price point. (We understand that many of our customers are home builders, will only build one airplane, and would rather not invest a large amount of money in tools that they may not use again. However, we did not want to compromise on the quality of finish that our products are capable of.)



While the Pro-Tek is similar to the Finishline in many ways, it is necessary to provide **updated instructions**. One thing you will find different is that the Pro-Tek has an airflow adjustment on the bottom of the gun. Under normal circumstances, we recommend running it wide open and using a regulator at the gun—with a gauge—so that the air pressure at the gun is precisely set. When spraying a topcoat, we recommend using the 1.4 tip that comes with the gun and setting the pressure at 30 psi. The fan control knob on top should be fully open for normal operation. To achieve a narrower fan for small areas, turn the knob clockwise. The fluid knob, below the fan control, will

control how much paint is applied. For fog coats, gently turn the fluid control knob in all the way until it seats and then back it out 1.5 turns. For the wet coat, back it out another 1 turn for a total of 2.5 turns.

These are our suggested starting points for fluid control, but keep in mind that the distance from the work and the speed that you move the gun will also be an integral part of this formula. You may find that you need to vary these settings a little bit for your particular technique.

The end goal with the Pro-Tek is the same as with the Finishline. We are looking for very good atomization—very tiny droplets, typically not distinguishable without magnification. Fog coats should not flow, rather, they should remain a dry finish. If **proper atomization** is not achieved or fog coats are heavy enough to flow, an orange peel texture is likely to result in the final finish.

Three to four fog coats will typically achieve **color saturation**. (This varies somewhat by color and contrast to base color.) Allow 10-15 minutes between each fog coat and at least 30 minutes between last fog coat and wet coat. Once color saturation is achieved or nearly achieved, the wet coat may be applied. Be especially careful to achieve good color saturation when applying yellow colors.

One final noteworthy difference with the Pro-Tek gun, **we are now recommending 26 seconds viscosity for EkoPoly Premium and EkoCrylic topcoats**. We do not recommend shooting lower viscosity. The metal Ford #4 cup does not provide accurate viscosity below 24 seconds, and our testing indicates that the Pro-Tek gun results in an outstanding finish at 26 seconds and is very resistant to runs.

Please share your feedback with us on the new Pro-Tek 4000 paint gun!

Quick Reference:

Paint Viscosity: 26 seconds in metal Ford #4

Tip: 1.4

Air Pressure at Gun: 30 psi

Bottom Air Control Knob: fully open

Top Fan Control Knob: fully open

Fluid Control Knob: 1.5 turns for fog coats, 2.5 turns for wet coats