

## How to Use Timeless Print Varnish with HVLP Spray Gun

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### **i. What you need to get started.**

- a. An open room - Preferably a commercial space or residential garage with an open wall.
- b. Measuring cup.
- c. Clean stirring device – Acid free such as a large silverware spoon.
- d. Circulation – Open window / small fan – Properly circulated air is highly recommended during the drying period of Timeless.
- e. For best results we recommend working within the following conditions.
  - i. Temperature - (55-110 Fahrenheit) or (12-44 Celsius)
  - ii. Humidity 75% or less.\

#### Air Compressor – Recommendations

- 8 Gallon minimum
- 1 HP minimum
- 3.7 CFM @ 40 PSI minimum

#### HVLP Gun

- Stainless Steel OR materials recommended to be used with water based chemicals.
- 1.3mm +/- .2mm Nozzle
- Non-Bleed

### **ii. Preparing Timeless**

- a. Stir the gallon of the Timeless coating thoroughly to make sure the consistency of the coating is even especially if it has been sitting on a shelf for an extended period of time.
- b. Only remove the amount of Timeless that you intend to use for your project and then replace the lid on the Timeless container immediately to prevent prolonged exposure to air. The amount of Timeless depends on the size and amount of prints you wish to coat (Small jobs might require ½ cup of Timeless where as a large job might require 2 full cups.)

### iii. Application of Timeless

Breathing Color recommends the use of the Fuji Spray® line of HVLP spraying equipment based on several extremely positive reviews from our customers. However, the use of a standard air compressor and non-bleed HVLP spray gun found at any hardware store is also perfect for spraying Timeless .

- a. Pour the measured Timeless directly into the paint cup/hopper on the HVLP Gun.

**\*Important note\***

If you experience sputtering or inconsistencies when spraying it may be necessary to dilute your Timeless with approximately 10% distilled water. Some HVLP guns may come equipped with a small diameter nozzle that might prevent a perfectly smooth spray pattern.

- b. If using air compressor setup adjust the air pressure according to your guns manufactures recommendations – Usually 15-25PSI working pressure.
- c. If working with an adjustable pattern nozzle – choose a wide fan pattern.
- d. It is best to spray your prints at a 45-90 degree slant as opposed to flat on a table. Hang your prints directly on a wall or attach to a rigid substrate and lean against a wall.
- e. Using a smooth flowing motion spray your prints with your HVLP gun moving your hand at approximately 1 foot per 1 second.
- f. Pan from left to right and right to left overlapping strokes approximately 50%.
- g. Your print should appear wet and slightly milky in appearance. The first coat is the most important and should be applied as thick as possible while avoiding dripping.
- h. For some applications a second or even third coat may be desired. One application is typically satisfactory but multiple coats may be applied if necessary.
  - i. You should allow 5-10 minutes for your previous coat to set before starting on the next. Repeat the same procedure as your first coat for all forthcoming coats.

### iv. Unused Timeless

- a. Once Timeless has been removed from its original container for an extended period of time it should not be returned to the remainder of your gallon.
- b. Unused or leftover Timeless must be stored in a SEPERATE absolutely air tight container and NEVER be used after 2 weeks from original opening date. Leftover Timeless should be strained for particulate before attempting to be used on a fine art print..