

## Need help? Give us a call.

Call our support line at 1.800.765.6699 if you are unclear on any step of the application. You'll be helped by an experienced professional painter, just like you.



WEB: [www.zolatone.com](http://www.zolatone.com)  
TOLL FREE: 1.800.765.6699



APP GUIDE **CONVENTIONAL**



## Before You Begin...

P. 2

Following these guidelines will help you successfully install your Zolatone product. Please review this entire guide making sure you are comfortable with the process and that you have all the necessary equipment.

### ○ CONVENTIONAL SPRAY EQUIPMENT

Luminations, Metal, and Polomyx can **ONLY** be applied with conventional spray equipment! Using other equipment alters the appearance and voids the warranty! **For Flex or Airless instructions contact 1-800-765-6699.**

### ○ APPROVED MOCK-UP

A mock-up is a valuable step that will familiarize the applicator with the installation process and provide an opportunity for specifiers to approve the look of the product.

### ○ CONTROL SAMPLE

A dried 4 x 5 sample of the product is shipped with each order. This sample is provided as a target to be matched for proper application.

### ○ APPLICATION VIDEOS

Don't forget to view our application videos Online at [Zolatone.com](http://Zolatone.com). **If you have questions call us at 1-800-765-6699.**

## Surface Preparation

Surfaces should be clean, dry, free of dust, grease and wax, and de-glossed if necessary. The surface should be smooth, even, free of defects or foreign contaminants. Drywall should be primed with Zolatone SP203 or a similar white primer that will accept water based paint. For substrates other than drywall, use an appropriate white primer that will accept water based coatings.

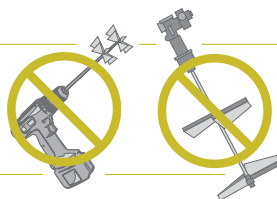
### Drywall Finish Levels

5	LLUMINATIONS	Prepare drywall to a <b>level 5</b> finish that can accept a gloss coating
5	METAL	Prepare drywall to a <b>level 5</b> finish that can accept a gloss coating
3	POLOMYX	Prepare drywall to a <b>level 3</b> finish that can accept an eggshell coating

## Material Preparation

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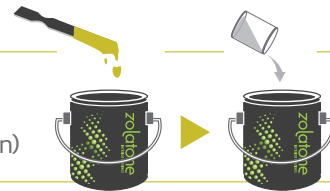
Gently mix material thoroughly with a stir stick or "mud" masher, and/or box material in a clean container to achieve uniform consistency and distribution of particles. **DO NOT AGITATE, SHAKE OR MECHANICALLY MIX.** Mechanical mixing and agitating will cause the suspended paint particles to break down altering the color and final appearance of the product.



**DO NOT AGITATE, SHAKE OR MECHANICALLY MIX. DOING SO WILL COMPROMISE MATERIAL.**

### Thin only if necessary

Material should be consistent and smooth. If thinning is required add 1-6 oz. of water. (6 oz. max per gallon)

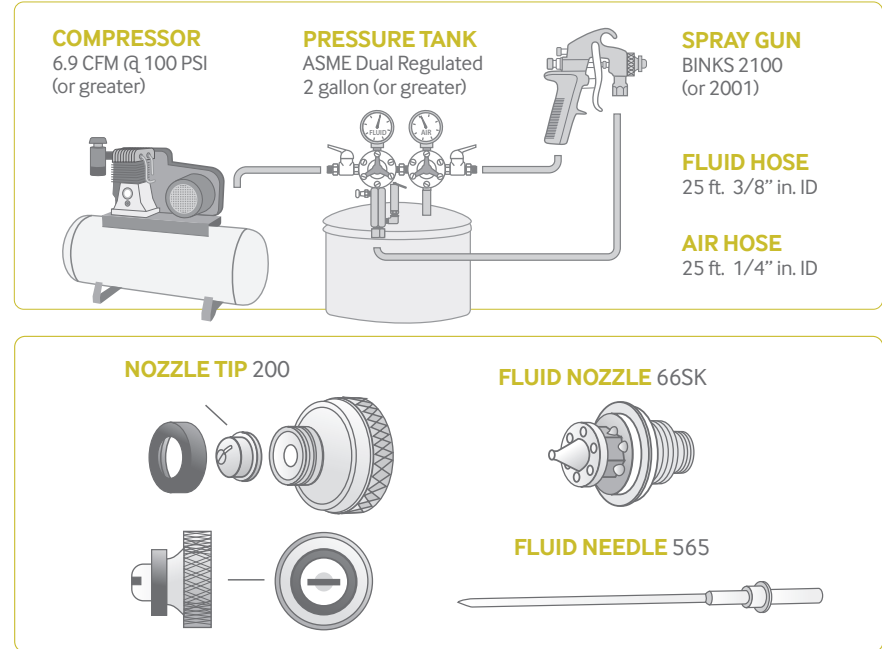


**6 OZ. PER GAL. MAX**

## Required Equipment

Conventional spray equipment with internal mix air cap is the correct equipment for applying Luminations, Metal, and Polomyx. Using other equipment will adversely affect the appearance. **DO NOT USE AIRLESS SPRAY EQUIPMENT!**

- **SPRAY GUN:** Binks 2100 (or 2001) with internal mix base. (or C.A. Technologies L100C 18-200)
- **COMPRESSOR:** Contractor grade compressor able to produce at least 6.9 CFM at 100 PSI or greater. (100 PSI is not the air pressure setting for application)
- **PRESSURE POT:** ASME dual-regulated pressure tank (Minimum 2 gallon)
- **FLUID NEEDLE:** 565
- **NOZZLE TIP:** 200
- **FLUID NOZZLE:** 66SS
- **FLUID HOSE:** 25' - 3/8" inter diameter
- **AIR HOSE:** 25' - 1/4" inter diameter
- **COMPRESSOR TO PRESSURE POT AIRLINE:** 50' - 1/4" inter diameter



## The Process

Conventionally sprayed Zolatone products are applied in a 3-step process. The finished Zolatone product should have an approximate thickness of 6 mils.

### 3. PATTERN COAT

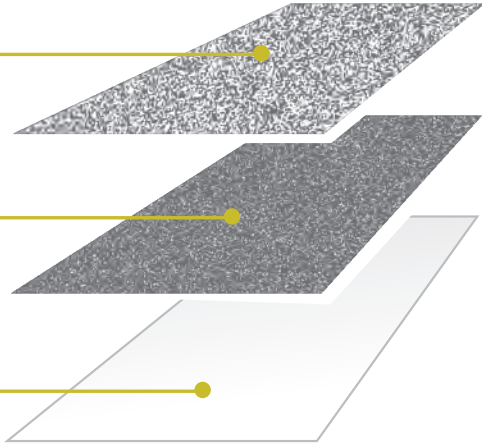
The Pattern Coat of Zolatone is sprayed with less air pressure. Allow Sheer Coat to dry before applying Pattern Coat.

### 2. SHEER COAT

The Sheer Coat is a thin layer of Zolatone paint that creates the ideal foundation for the Pattern Coat. Allow the primer to dry before applying Sheer Coat.

### 1. WHITE PRIMER

Begin with a white primer that can accept a water based top coat. Skipping this step voids the warranty and adversely affects the appearance and future touch-ups.



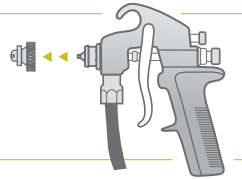
## Equipment Set Up

1

Fill pressure tank with Zolatone. Tighten clamps.

2

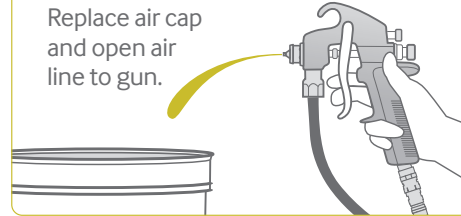
Remove air cap and shut off air line to gun.



3

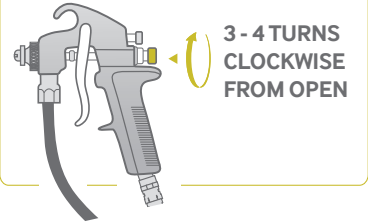
Raise tank pressure. Shoot material until continuous stream is achieved.

Replace air cap and open air line to gun.



4

Turn Restrict Control Knob 3-4 turns clockwise from the open position.

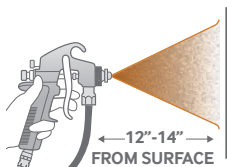


## Sheer Coat Pressure Settings

ILLUMINATIONS  
**ZFX**  
FROM  
ZOLATONE

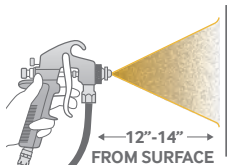
FLUID	AIR	CFM
70 PSI	50-60 PSI	6.9
80 PSI	65-70 PSI	8.0
90 PSI	75-80 PSI	20

### Distance to Surface



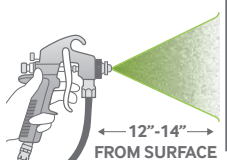
METAL  
**ZML**  
FROM  
ZOLATONE

FLUID	AIR	CFM
70 PSI	55-60 PSI	6.9
80 PSI	65-70 PSI	8.0
90 PSI	75-80 PSI	20



POLOMYX  
**PLX**  
FROM  
ZOLATONE

FLUID	AIR	CFM
50-60 PSI	40-50 PSI	6.9
60-70 PSI	50-60 PSI	6.9
80 PSI	65-70 PSI	8.0
90 PSI	75-80 PSI	20

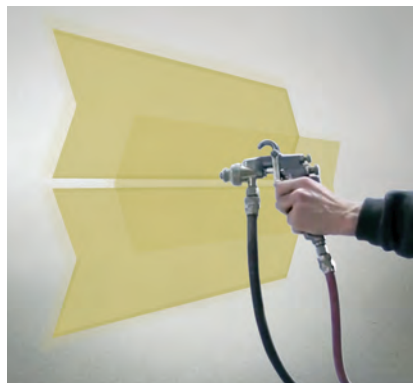


\* These are approximate settings. Use these as a starting point and make adjustments as needed.

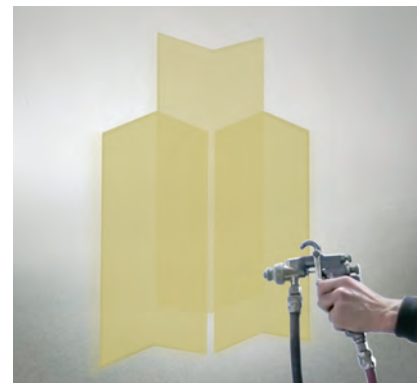
## Sheer Coat Application

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Apply Sheer Coat using a cross-lap technique, overlapping 50% on each stroke. Spray with a slow motion and work your way over the surface in manageable sections (approx. 5-6 feet). Spraying too rapidly may result in striping. If the Sheer does not appear even, allow to dry to the touch and re-coat where necessary.



Work in manageable section (approx 5-6 feet) spray **horizontal** passes overlapping each stroke by 50%.



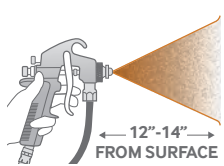
Then rotate the spray tip and coat the same section with **vertical** passes with a 50% overlap.

## Pattern Coat Pressure Settings

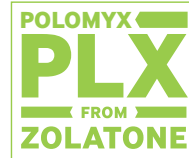
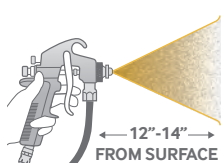


FLUID	AIR	CFM
70 PSI	45-50 PSI	6.9
80 PSI	55-60 PSI	8.0
90 PSI	65-70 PSI	20

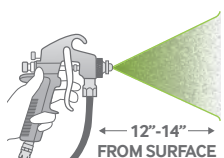
### Distance to Surface



FLUID	AIR	CFM
70 PSI	45-50 PSI	6.9
80 PSI	55-60 PSI	8.0
90 PSI	65-70 PSI	20

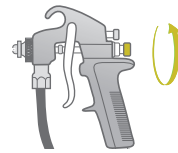


FLUID	AIR	CFM
50-60 PSI	30-40 PSI	6.9
60-70 PSI	35-50 PSI	6.9
80 PSI	40-60 PSI	8.0



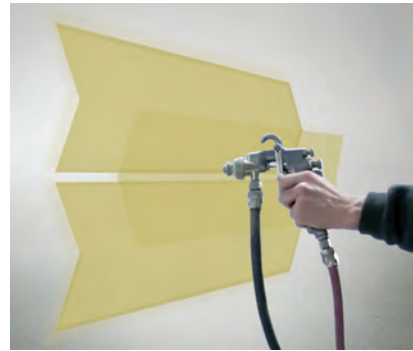
\* These are approximate settings. Use these as a starting point and make adjustments as needed.

## Pattern Coat Application

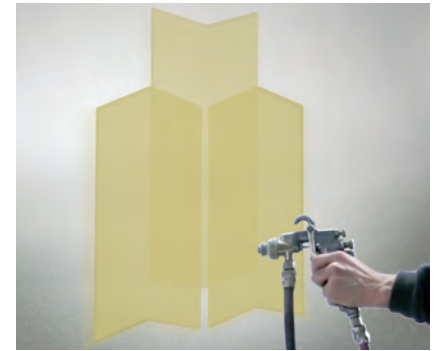


Open Restrict Paint Control knob by turning counter clockwise.

Allow Sheer Coat 1-2 hours to dry to touch before applying Pattern Coat. The Pattern Coat is sprayed at a **lower air pressure**. The Pattern Coat provides the final color and texture of the finish.



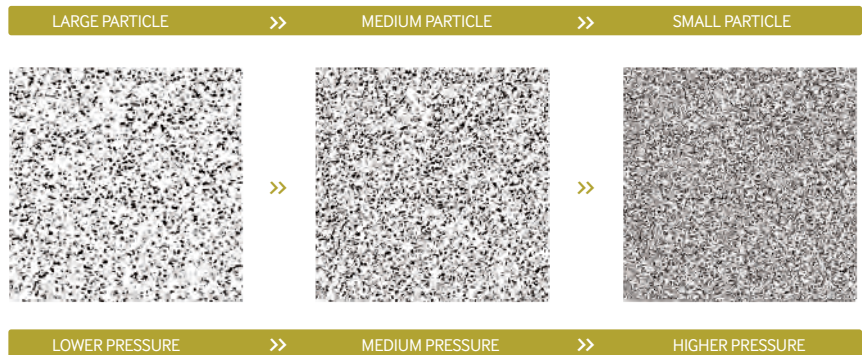
Work in manageable section (approx 5-6 feet) spray **horizontal** passes overlapping each stroke by 50%. Then rotate the spray tip and coat the same section



with **vertical** passes with a 50% overlap on each stroke. Leave the fluid pressure the same but lower the air pressure to match the control sample.

## Particle Size

Set desired air and fluid pressures with gun half triggered. Test spray your Pattern Coat settings on cardboard or test material. Make necessary adjustments in air pressure to achieve the correct particle size. Lower air pressures create larger particles. Higher air pressures create smaller particles.



## Questions?

We hope your Zolatone installation has gone well. If the application is not matching the control sample or not meeting your expectations in any way, please call us directly at 1.800.765.6699 to get help from our Zolatone experts

### Line or lap marks

The sheer step is not being atomized and the primer is showing through. Check the fluid control knob and air/fluid pressure settings. Or, add a diagonal spray pattern to even out the area. **Always judge the sheer coat after it's "dry to touch" before applying Pattern Coat.**

### Particle size too small

Check the fluid control knob setting and lower the air pressure to provide a larger particle. Ensure fluid nozzle is clean and free of debris.

### Sheer coat coverage issues

Spray the sheer coat at slightly slower pace and ensure a 50% cross hatch overlap on all spray strokes.

### Particle size too large

Set air pressure higher to provide a smaller particle.

### Insufficient pressure

Check compressor specs. Make sure CFM is 6.9 or higher at 100 psi.



## Touch-Up and Spot Repair

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Zolatone interior finishes can be touched up and repaired quickly and easily by following any of these steps.

### For large repairs

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Large repairs and corner to corner repairs require a conventional Spray Set-up. For large holes or damaged areas, sand with 120 grit sandpaper. Remove all dust and debris. Patch the area and seal surface with untinted white primer. Apply zolatone following the printed instructions.

### For quick fixes

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Small blemishes can be easily patched with FastFix. Each FastFix sheet contains adhesive patches that have been sprayed with your Zolatone finish. Simply peel and apply and the repaired area disappears.

### For smaller repairs

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Small to medium touch-ups can be made by using a .75 HP compressor and cup gun. This allows for a high degree of control and portability.

## Maintenance

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Periodic washing with liquid, general purpose, non-abrasive cleanser should keep most surfaces looking like new. For more stubborn stains, a mild abrasive cleanser can be used. Use less pressure when cleaning deep colors, the grit in abrasive liquid or powdered cleansers may de-gloss deep colors. leaving a dull spot compared to adjacent areas. Avoid using cleansers which contain chlorine as these may discolor the surface.

### General Washing Tips

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- Remove dust from wall surface
- Use a sponge versus a cloth to wash and rinse walls, using cloth can shine a flat surface or dull a lustrous one
- Wash from the bottom of the wall upward
- To avoid streaking when cleaning soiled areas, start with the adjacent clean area and wipe into the soiled area
- Change water and rinse frequently
- For tougher stains use a mildly abrasive cleaner free of petroleum solvents

## Control Sample

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This is your control sample. It was made from the same batch of paint as the rest of the order you received. Please use this sample as a guide to get the correct look of your Zolatone product. Following the steps outlined in this guide and adjusting the pressure settings up or down as needed will help you correctly match this approved sample.

Batch approved by / \_\_\_\_\_ Date / \_\_\_\_\_