



RED RIVER PAPER

Tips for Rolling On Canvas Coatings

Introduction

Coating canvas is quite simple. It only requires that you read the directions, do a little preparation, and take your time!

*** For best results, canvas prints need three coats. The FIRST and SECOND coats need to be glossy. The THIRD coat determines the reflection level – either matte, satin, or gloss.

When rolling, you do not need to press down on the roller. Use its weight and gently roll back and forth across two widths of your roller.

If you are rolling a large print, use a wider roller.

Work Room Requirements

An enclosed dust free room

Temperature and humidity control is also desirable for stable drying of the finished prints. Acceptable ranges are:

Temperature Range 64°F – 80°F (18°C – 26°C)

Humidity Range 40%RH – 60%RH

Temperature & Humidity Control



Low humidity will accelerate evaporation, decreasing drying time.

High humidity slows down evaporation increasing drying time.

Control can be achieved via some combination of:

- Air Conditioning
- Fans
- Dehumidifiers
- Quartz-halogen lights
- Infrared Heaters

Dilution of Coating

Since Eco Print Shield is a water based product dilution will be dependent on your relative humidity and room temperature. The lower the humidity the more you will need to dilute it to a maximum of 20%. **Most conditions do not require dilution**, but if you have any quality control issues, dilution is the solution.

Roller Application

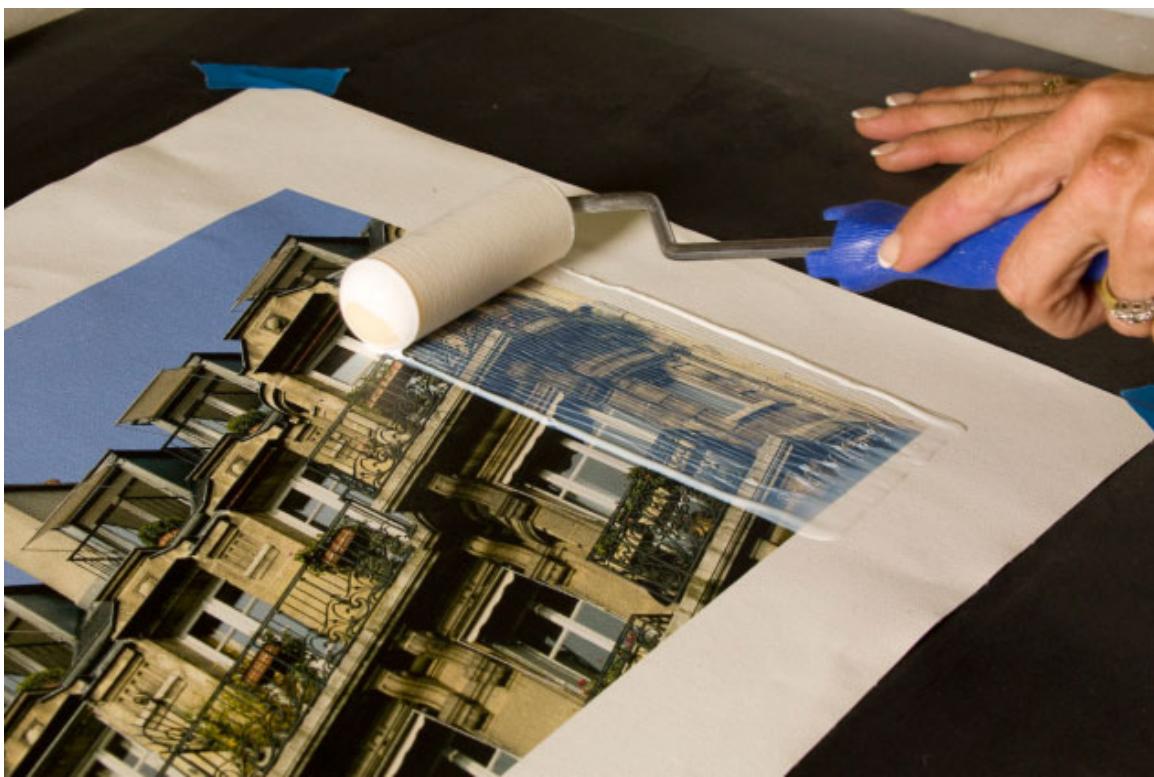


Pour Eco into roller tray

Avoid excess pressure when rolling. Use only the weight of the roller.

Only roll out about 2 widths of roller to insure a smooth even surface before continuing.

Have a second roller, dampened with water, to smooth out and remove excess coating as needed. Best results are obtained using a high-density foam roller.



First Coat – Use Glossy Coating



The first 2 coats need to be glossy coating

Apply a light coat to make sure surface of print is covered thoroughly.

Using a damp roller, gently roll out bubbles and overlapping ridges, and remove excess coating maintaining an even, slightly translucent appearance and avoiding a solid white opaque.

Allow to dry completely, when coating becomes clear Note: Higher humidity will take longer.

Second Coating – Use Glossy Coating

Rotate the canvas 90 degrees before applying the second coat. Use the directions for the first coat above.

Third Coat

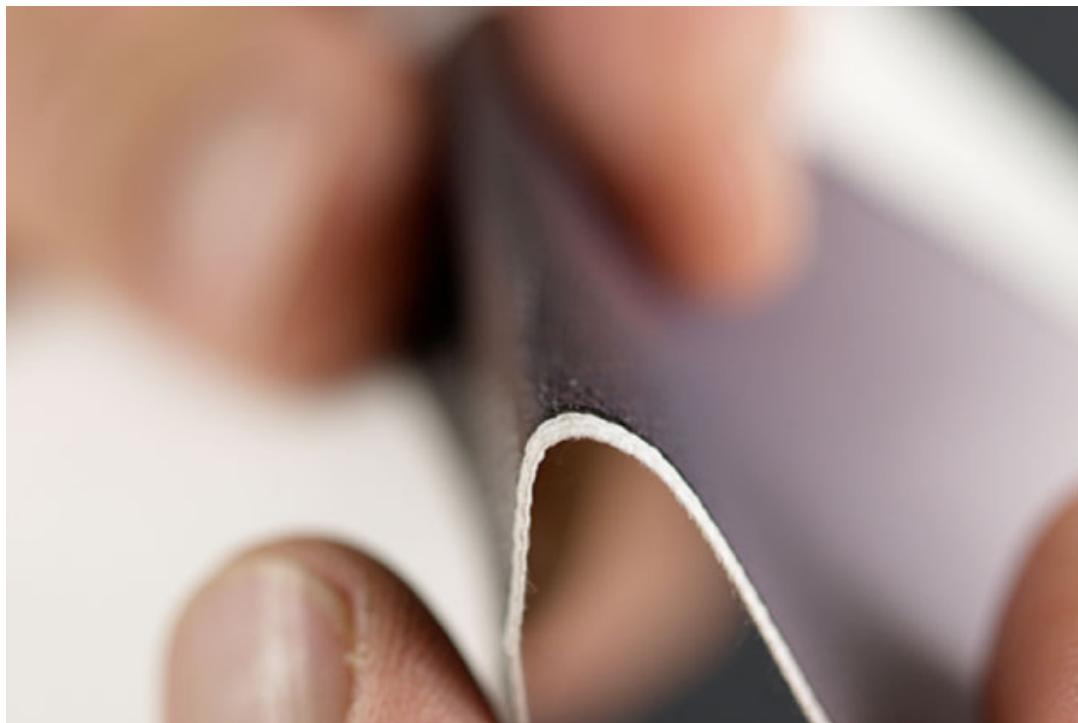
This is where you determine the reflective property of your print – matte, satin, or glossy. The third pass will take less coating than the first and second. Take your time and only use the pressure of the roller when applying the coating.



Use Fold Test to determine if thickness of your coating is acceptable.

The Fold Test:

Confirming Proper Thickness of Coating on Canvas



Fold a dark-ink corner of the canvas, as shown here



Fold tight & examine carefully



Cracking indicates the need to apply an additional coat.