Remove tissue covering before printing

ED HOY'S INTERNATIONAL

Fired-On Photo Fusing Decal Paper Instructions

Now with Flame-working Instructions

Selecting Glass:

- The best image clarity and contrast is provided by firing image onto a white or light colored smooth opaque glass.
- When using translucent or transparent glass, fusing a white or light colored opaque layer under the clear layer will allow for better image contrast.
- If capping is desired, Fire image onto underneath layer first and then cap with clear or translucent glass and fire again.
- *Iridized and Dichroic glass surfaces should be tested first to ensure compatibility with this process.

Printer info:

ANY HP or Canon Black *ONLY Laser Printer, Copier or Fax machine will work. HP and Canon are only brands whose regular toner will work. *Printer must **Not** have any ability to print in color.

Printing Images:

1. Set printer for paper size 8.5"x11" (US standard paper size)
2. **Remove the tissue paper cover** of the decal paper (if present)
3. Run a few sheets of plain paper through printer to warm up the printer's fuser roller.
4. Place paper in the manual feed slot one sheet at a time
5. Print your image from the computer with an **HP** or **Canon B+W** laser printer or copy on any **HP or Canon B+W** multifunction printer or photocopier.

Applying Images:

The final steps to creating beautiful glass transfers are simply to slide the image onto your piece and fire it. To do this, you will need to:

1. Clean the area where you plan on placing your image, removing dirt or oil.
2. Cut out the image(s) as close as possible to the actual design.
3. Place in a dish of warm water, holding the paper gently to avoid tearing.
4. When you begin to feel the printed image separating from the backing paper, it is ready to apply onto your surface.
5. Lift the image out of the water with the backing paper intact.
6. Gently slide the image off of the backing paper holding the transfer film down with one hand and slowly pull the backing paper out from underneath.
7. A rubber brayer (roller) is best to remove excess water and air bubbles by rolling over a paper towel gently from center towards the edge of the design. No squeegees.
8. Allow it to set for 2 hours or more.

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Firing Instructions

Images can be fired to ***any** firing schedule… If firing more than once it is best to add images to the last fire. **Capping is not necessary but If capping is desired; First fire images on at a low temp and then add cap and fired again to a higher full fuse temp.

Note: *Thick or fire polished glass may need higher full fuse firing temperature to permanently affix images. **Iridized and the Tin Side of Float Glass may need to be capped in order for image to fuse on. If images fade…. fire cooler If they rub off… fire hotter

Adding Color: All images will fire to a beautiful rich sepia brown color. Color can be added:

1. **Colored Glass under the Image**
The transfer film is transparent so the areas that are light or white in your original image will be colored according to the color of glass that you are using underneath.
2. **Painting under the Image**
Colored enamels or frits can be painted on and fired before the image is applied, allowing the color to show through from underneath the image. Simply trace your image onto your glass and then fill areas where you want color to be and fire according to the manufacturer instructions. Then apply your transfer and fire again.
3. **Painting over the Image**
Transparent enamels can be applied over the already fired transfers and fired again. This method works great for "colorizing" photographs.

Flame-working: NEW …test first!

You can cut up and apply images to encircle glass rods or tubes. Overall patterns work well. Flattening rods or stringers will allow for more surface area for images.

Blown glass pieces or borosilicate glass can be heated in annealing kiln with images applied to burn off the decal film (minimum 800°F/427°C). Images may still be powdery so handle carefully.

When using a torch to heat…point it under and around image trying not to apply direct prolonged flame until image is well set.

Encasing the image in clear will ensure better image quality. Images that have burned off will still work well as a resist pattern.

Experiment and let us know what you discover! Send project images to info@fired-on.com we will post on our website and social media!

Also CHECK OUT WWW.FIRED-ON.COM FOR NEW TECHNIQUES AND PROJECT INSTRUCTIONS.

Find great ideas, tips, and step by step project instructions in the Book;

Fusing Images on Glass/ 2nd Edition BY TERRIE BANHAZL