



Remove tissue covering before printing

Keramikos Fired-On Images™ MS (multi-surface) Transfer Paper

Acquiring Images

Any image, graphic text or photograph that can be printed on paper can be used

Printing Images

USE ANY HP or Canon *Black-ONLY LASER Printer or Copiers

If Printer/ Copier is other brand or can print in colour, it will **NOT work*

1. Set printer for plain paper, standard US size 8 ½ "x 11"
2. Remove the tissue covering the transfer paper
3. Place transfer paper into manual feed slot of printer one sheet at a time
4. Print your image onto glossy side of the transfer paper

Applying Images



1. Cut out image and soak in warm water for a few minutes
2. Place image on ware and slowly pull backing paper out from underneath
3. Put a paper towel down over image use a "brayer" roller to push out water + bubbles
4. Firing temp depends on surface and/or glaze type

1. Cut transfer close to edges and use warm water to soak images for a few minutes
2. Lift transfer out of water with backing paper still attached lay image down on surface and gently pull paper out from underneath. Throw away white backing paper.
3. Use a brayer (rubber roller) over a paper towel to push out water and bubbles, starting from the center and pushing out to edges
4. Firing temperature depends on the type of clay and glaze used, see chart.



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Firing Images onto Hand Glazed Bisque Surfaces

Transfer firing temperature depends on type of clay and glaze used



White backgrounds give best contrast for photographs



Images can be added on anywhere there is glaze



Logo's and signatures can be added to the bottom in the same firing

Hints:

- White backgrounds give best image contrast
- Transfers can be placed anywhere there is glaze
- Logos and signatures can be added on the bottom in the same firing
- Images fire to a sepia brown and can be colored with traditional glazing /painting techniques
- Outside venting system is recommended while film is burning away
- **If image fades, fire cooler. If image wipes off, fire hotter**

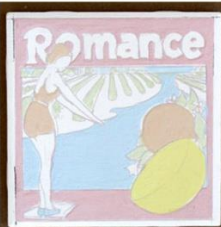
Transfer Firing Temperature Chart For Hand Applied Glazes on Bisque

Glaze Firing Temp	Type of Glaze	Transfer Firing Temp
Cone 06 glaze Earthenware Clay	<i>Opaque cone 06 Glazes</i>	Cone 010-Cone 08 (900°C- 950°C)
Cone 06 glaze Earthenware Clay	<i>Clear/ Transparent cone 06 Glazes</i>	Cone 015-012 (790°C-860°C)
Cone 5, 6 glaze Stoneware Clay	<i>All cone 5,6 Glazes including Clear/ Transparent</i>	Cone 06-04 (980°C-1020°C)
Cone 10 glaze Porcelain Clay	<i>All cone 10 Glazes</i>	Cone 04-02 (1020°C-1060°C)

Painting Colour Under the Image While Cone 06 Glazing, Majolica Style



1. Paint 2 coats white glaze
Let dry. Trace image on



2. Paint in the lines with colored glaze



3. Fire to cone 06



4. Soak and slide image into place
push out water & bubbles



5. Fire to Cone 010-08

1. Paint 2-3 coats of white glaze, let dry and trace image on
2. Paint in the lines with colored glaze
3. Fire to cone 06.
4. Apply the transfer slide into place and push out water and bubbles with a soft paper towel
5. Fire to cone 010-08 (900°C- 950°C)



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Painting colour underneath image while glazing continued:

Hints:

- If clear glaze is used, transfer fired to cone 015-012 (790°C-850°C)
- China Paints or overglazes can be used to add colour in additional firings
- This method can be used with cone 5 or 10 glazes but you may have to resize the transfer before applying to account for clay shrinkage

Firing Images onto Store Bought Glazed Surfaces



Transfer firing temperature depends on the type of surface used

Type of Glazed Surface	Transfer Firing Temp
Earthenware Ceramic: Wall Tile and Tableware	Cone 09-07 (920°C -960°C)
Porcelain, Stoneware and Floor Tile (floor tile should say "can be used on floor")	Cone 02 (1060°C)

Super LOW FIRE cone 018 (710°C) for Traditional Decal Artists and China Painters

1. Apply transfer as directed and let dry
2. Mix any light colored china paint or flux in a 1:1 ratio with Mineral or Baby Oil
3. Paint the mixture over entire surface of the transfer
4. Fire transfer to cone 018 (710°C)

Hints:

- China Paints or overglazes can be used to add color in additional firings
- Traditional decals can be mixed in with Fired-On Images Transfers by using the flux / china paint mixture to coat before firing



Firing Images onto Fusible Glass:

Images can be fired onto any color or type of smooth surfaced fusible glass

1. If several layers of glass are used, apply transfer to top layer
2. Fire from 676°C-788°C (tack, slump, or full fuse)

Hints:

- White or light colored opaque (opal) glass gives the best image contrast
- Clear capping is not necessary, but if desired; First fire transfer onto the underneath layer at a low temperature and then add clear cap and fire again
- Iridized or the Tin Side of Float glass may need a cap to fully fuse
- Thick or fire polished glass may need a full fuse temperature (788°C)



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Troubleshooting:

- ***Black Toner smudged when you wiped the unfired transfer with a paper towel:*** Run a few plain paper sheets through the printer to heat it up before printing on the transfer paper
- ***Image has disappeared completely after firing:*** You are using the wrong type of printer: Use ANY **HP or Canon BLACK & WHITE ONLY Laser Printers or Multifunction Printer /Copiers or Fax** to make your image. Printer must be an **HP or Canon** and must not be able to print in color. Use a fresh toner cartridge if your results fade over time. Only use authentic **HP or Canon toners**, no substitutes. Use only **“Fired-On Images™” Brand of Transfer Paper.**
- ***Image wipes off after firing:*** Transfer firing too low, try again at a higher temperature
- ***Image has faded after firing:*** Transfer firing temperature is too hot. Try again at a lower firing temperature.
- ***Image has cracks in it:*** A certain amount of microscopic cracking is normal but if you see large cracks or wholes after firing, be sure image is well adhered, push out all bubbles and water and let dry thoroughly before firing. **Test first**
- ***If small cracks in image continue:*** *Print image in reverse onto the transfer paper and apply toner side down.* Borrow some adhesive from a blank scrap piece of transfer paper and spread over the surface before applying the transfer.
- ***Glazed Surface has bubbled during image firing:*** The Glaze you used is not suitable for additional high temperature firings. Try another glaze. For best results with store bought glazed tableware be sure that it has a label stating “microwave safe” fired onto bottom.