

# Laserjet Filmfree Waterslide Decal Paper

(for Shiny transfer on ceramic, glass, steel, car, plastic, coated woods etc.)

Film-Free Laser Decal Paper leaves no visible traces of film on the transferred decal, leaving only the image (printed inks) intact on the surface. While the paper is easy to use, requiring no extra coating of spray or a laminator, it also boasts a strong surface and adherence. It is a unique product in the world developed and patented by us.

Equipment : Laser Printer, Oven, Scissors, Rubber Scrapper, Office Knife, Water, Tissues

STEP 1 Print the image on the Shiny side of the decal paper. Ensure that the image is "reversed" and the paper condition set to "glossy heavy weight paper (200gsm or thicker)" and "maximum photo resolution" before proceeding with printing.



STEP 2 Cut out the desired image with a margin of 2~3mm around it.



STEP 3 Soak the cut out decal into water for a second until completely wet.



STEP 4 Apply the decal paper on it, placing the image face down. Firmly press with hand to ensure the adherence of the image.



STEP 5 Gently peel off the backing paper by pushing aside with your hand. This will leave a film layer of the image intact on the surface.



STEP 6 Use the rubber scrapper to smooth the decal and completely remove any air bubbles and excess water underneath the decal film.



STEP 7 Immediately dry the product with a hairdryer for 1 to 2 min, then bake it with an oven as below (If your product does not fit in the oven, you can alternatively use a heat gun or hairdryer. Heat until the decal looks glossy or embossed).  
a. Bake the product for 10 min at 150°C (baking time and temperature must be adjusted according to the distance between the firing elements and your product).  
b. You will know that the job is done when the decal looks glossy or embossed.



STEP 8 Take out the finished product from the oven with a thick glove. Cool down with care at room temperature.



STEP 9 Carefully peel off the top coating film with a sharp knife (dip in the water for 1~2 minutes if you have problem of peeling off).

**You can make the decals stronger by applying clear polyurethane overcoat.**

## Baking Time and Temperature

- Ceramic & Glass baking with Microwave : 4 ~5 minutes for OKI White Toner, 5 ~ 8 minutes for OKI 4 Color Toner and 9 ~ 10 minutes for Other Brand's Toners.
- Ceramic & Glass baking with Oven : 60 minutes each at 120o(250F) for OKI White Toner, at 140o(285F) for OKI 4 Color Toner and 150o(300F) for Other Brand's Toners.
- All kinds of Steels baking with Oven : 30 minutes each at 120o(250F) for OKI White Toner, at 140o(285F) for OKI 4 Color Toner and 150o(300F) for Other Brand's Toners.
- Plastics( PS, PET, PETG, ABS, ACRYL) & Coated Woods : 20 ~ 30 minutes at 70o(160F).
- Use heat gun or hairdryer for too big items to put in oven

## Other Information

- **Film-Free Laser Decal Paper can not be used with inkjet printers. Use Laser printers, Solvent Printers and UV Printers only.**
- Initial hardness of the decal may be weak, but will harden gradually. Do not use metal scourers or synthetic scrubber.
- Transferred images should not be on surfaces that come into contact with food and beverages.
- Transferred image is **Not Dishwasher Safe** and do not wash with volatile thinners such as MEK, Xylon, Aceton, etc.
- Use acetone to get rid of failed or unwanted images