

ProScreen™

Kaiser Glass Design

www.kaiserglass.com

Screen Printing

Supplies

ProScreen printing screen

Image on acetate sheet ("negative")

UV light (15-20 watt Fluorescent (available at Walmart or any home improvement center)

t You need a smooth piece of clear glass for the top and any stiff material for the base). These are strictly to hold the image and screen in place while exposing.

Water bath (small flat bowl of water)

Pump Water sprayer (available at any hardware store)

Spatula (painter's palette knife) to spread paint.

Hairdryer

Process—Making the screen

This process, until step 8, should be conducted in a small amount of light. A dim room is sufficient. A bright room is unacceptable.

- 1 Remove the protective plastic cover from the unexposed ProScreen™ and discard. Note that this is the matte slick side of the screen. Work quickly as the screen is exposed by light.
 - 2 Make a sandwich out of the dark glass (or base), the screen (slick-side up), the negative, and on top, the clear piece of glass to hold things in place.
 - 3 Put the sandwich under the UV lamp (approximately 2 inches from the bulb) clear glass up.
 - 4 Turn bulb on and expose (approximately 1 minute for our setup). Time is based on bulb strength and distance from bulb. In general the 1 minute should work fine.
 - 5 Turn off the bulb, remove the ProScreen™, and place it slick-side up in lukewarm water.
 - 6 Let screen stay in water for at least 2 minutes. It can stay in longer without ruining it.
 - 7 Spray screen from about 12 inches with pump sprayer. Spray (using well pumped up sprayer) directly on the screen while you hold it in the palm of your hand. The image should quickly appear. Do not spray at an angle.
 - 8 Inspect the screen carefully for any area that may not be washed away. The best way is to hold it up to a light and go over all the areas of the screen looking for places that the light does not go through. Repeat spray if necessary. Note: light pink areas are not acceptable.
 - 9 Dry with hairdryer.
 - 10 Place screen under UV lamp again and expose for at least 10 minutes to harden.
- You are done.

Printing the screen

Using masking tape, adhere the screen tightly to the glass, slick side against the glass. . Spread the paint on the screen. Remove as much as the paint as possible. Then remove the screen.