

## Screen Printing using Daler-Rowney Screen block and Drawing fluid.

Screen printing with Daler-Rowney System 3 Acrylics and additives is a non-toxic process.

As a result, water-based screen printing has become more accessible for education and home printmakers. Screen printing is an ideal medium for all ages and because of the simple technology fabulous imagery can be produced on basic equipment. Daler-Rowney have produced a 'System 3 Acrylic Screen Printing Kit' which is now on sale. The kit contains a Screen, Squeegee, Acrylic Inks, Screen Printing and Textile Mediums, Drawing Fluid, Screen Block-out, an Apron and 'The Art teachers Guide to Water-based Screen Printing' by Dave Fortune.

### How to use Drawing Fluid and Screen Block-out.



Drawing fluid in conjunction with screen block-out medium gives you excellent detail and a low-tech solution to producing a good stencil on the screen. The stencil will last for many prints and if you want to change colour you just wash the screen with cold water, dry and print again with the new mix of acrylic colour.

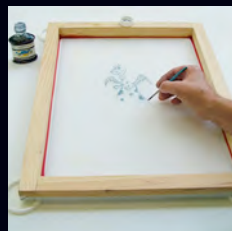
### How to produce a stencil by hand onto a screen without any photographic means.



(1)



(2)



(3)



(4)



(5)

- (1) Place a line drawing on a piece of white card or paper under the screen as a guide.
- (2) You can now trace your image onto the mesh very lightly using a soft, blunt pencil. The screen mesh needs to be slightly above the image, so place a piece of folded card under the front edge of the screen. This will ensure that the mesh will not touch the tracing underneath when using the drawing fluid.
- (3) Now paint the screen drawing fluid onto the areas of mesh you want to print. The drawing fluid can be easier to use if you dilute it with a small amount of water. Paint the fluid evenly onto the screen, leaving no thick areas as this would prolong the drying times. When you have finished your image, leave to dry for approximately an hour or dry with a fan heater or hair dryer.
- (4) Lifting the screen slightly and using your squeegee, spread a thin layer of screen block over the image. Be sure that you do not miss any areas of the mesh. Leave to dry for approximately half an hour. Do not use hot air to dry the block-out filler, let it dry naturally.
- (5) When dry, although it will still feel waxy, wash the screen with a cold water spray on both sides. This will remove the drawing fluid leaving your image in negative on the screen. Once again, leave the screen to dry naturally. When ready to print use low-tack parcel or gum tape around the edges to stop the ink leaking through. Your image is now ready to print.



(6)



(7)



*Iron the back of image to cure the ink.*

- (6) Spread a line of acrylic ink, (textile printing medium and acrylic colour 50/50 mix) along the back of the screen.
- (7) Lift the screen slightly and coat the screen with ink using the squeegee. Let the screen lie flat on the T shirt and by holding the squeegee at the angle shown in image (7) print using even pressure.
- (8) When you have finished printing wash the screen and squeegee with cold water. To remove screen block use hot water and rub liquid soap into the stencil with a soft brush. You may need to use a power washer.