



SYSTEM 3 WATER-BASED SCREEN PRINTING

Screen Printing with Daler-Rowney System 3 Acrylics and Screen Printing Mediums

Creating hand drawn stencils is simple with System 3 Screen Drawing Fluid and Removable Screen Block. Easy to use and remove, System 3 water based Screen Printing mediums are also good for the environment too. A solvent free and non toxic screen printing method that can be used safely at home or in the classroom with low odour and no screen blocks.

System 3 acrylic colours are renowned for their full covering power and brightness when used for painting or when mixed with System 3 Printing Medium. Suitable for screen printing on paper, card and cartridge paper.

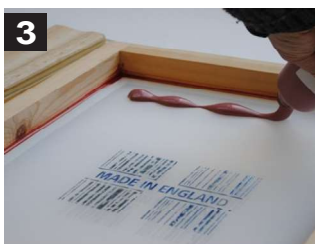
For printing on fabrics, replace System 3 Printing Medium with System 3 Textile Medium. The printed image on fabric can be made wash safe by application of a hot iron when dry.

How to use Screen Drawing Fluid and Removable Screen Block

Use System 3 Screen Drawing Fluid in conjunction with System 3 Removable Screen Block to create beautifully handcrafted stencils. The stencil will last for many prints and can be removed with a strong solution of washing soda and water.

Materials Needed:

- System 3 Screen Drawing Fluid
- System 3 Removable Screen Block (Water Based)
- System 3 Acrylic Colours
- System 3 Printing Medium
- Silk Screen Frame with Mesh
- Squeegee
- Plastic Mixing Spatula
- Low Tak Parcel Tape
- Loose sheets of paper or newsprint
- System 3 Brush size 6 Round
- Apron
- Washing Soda
- Abrasive Household Cleaner



► Step 1

Create an image or drawing on paper which will fit within the screen area. Place the image under the screen (screen should be face down) and trace lightly onto the screen using a soft, blunt pencil. Once completed, remove the original drawing and place 4 pieces of card between the screen and the table surface at each corner to create a spacer (if you wish to protect the work surface use a blank sheet of paper or newsprint).

► Step 2

Apply the System 3 Screen Drawing Fluid with a fine brush onto the areas of the mesh you to print. The Screen Drawing Fluid can also be diluted with water for finer wash effects. When you have completed your image, allow it to dry for one hour in a warm room or dry with a hair dryer on a warm setting.

► Step 3

Lifting the screen slightly, pour a line of System 3 Removable Screen Block onto the back edge of the screen mesh. Apply one coat by pulling the line of Removable Screen Block with the squeegee over the drawn image on the screen. Scrape excess Removable Screen Block off the edges of the screen with a piece of cardboard or a plastic spatula and return it to the container. Leave to dry for one hour in a warm room or dry with a hair dryer on a warm setting.

► Step 4

To remove the Screen Drawing Fluid, wash the screen with a cold water spray on both sides. This will leave your image in positive on the screen. Dry the screen. Use low tak parcel tape around the edges of the screen to prevent colour leakage whilst printing. Your screen is now ready for printing.

► Step 5

To print on paper, mix one part System 3 Printing Medium to one part System 3 acrylic colour with a plastic spatula (always add the Printing Medium first). For printing on fabrics replace System 3 Screen Printing Medium with System 3 Textile Medium 1:1 ratio as before. Spread a line of the prepared printing ink (Printing Medium and Acrylic colour 1:1) along the top edge of the screen.

► Step 6

Lift the screen slightly with one hand whilst holding the squeegee in the other hand. Pull the squeegee and the ink fully across the screen with the squeegee tilted at an angle. Repeat in the other direction to bring your colour back to the starting position. Place your paper or fabric underneath the screen in the desired position and pull the squeegee and colour across the screen with even pressure. If you have finished with this colour, remove with a piece of card and place in an airtight container. Inks should remain useable for several weeks. Wash out the screen with warm water and a sponge.

► Step 7

To remove the Screen Block, apply a strong solution of washing soda on both sides of the screen with a damp cloth. Wash off with water. If necessary, remove any surplus screen block with an abrasive household cleaner. Please note that the Screen Block is easier to remove when recently applied.

Advisory Note for Screen Printing on Fabric:

We recommend pre-testing on the chosen fabric before applying the final design. Prewash and dry fabric thoroughly before Screen Printing. Once the image is printed, fix with an iron at the recommended heat setting for the fabric chosen. For cottons, iron for 2 minutes at the recommended temperature and 10 minutes for lower heat settings such as silks. Follow garment care instructions and the image should remain in good condition for up to 20 washes.



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