

The variables that affect colour in digital textile printing

The development of digital printing is a major change within the textile design process as a designer is no longer restricted to a number of colours, repeat patterns, and may include photographic images and intricate detail. With digital print it is now possible to print anything between a metre, or hundreds of metres, at the click of a button. However, there is a marked difference between screen-colour and print-colour. A textile designer using Computer Aided Design (CAD) to create a design will be required to experiment with a number of variables in order to feel more confident about the outcome when using digital fabric printing. There are already various software, materials and printers involved in digital textile printing which impact on colour results. Additionally, fabric choice and secondary processes (washing and steaming) contribute to colour variation. A number of variables have been considered and are outlined.

