



F I L T E R S

Product Information

Blue and Green Screen Filters (Procomp)



When shooting in blue or green screen a number of issues effect the image, which usually have to be solved in post production or by the use of expensive keying systems, or both. These include

fringing (a glow created around backlit objects), and spill (the background colour of the object reflecting onto the image, giving a tinge of screen colour around the edges). Both spill and fringing are more problematical when using objects of a highly reflective nature such as metal. The post production process to remove these can be very expensive. Also, in live situations such as news and weather reporting, the problems cannot usually be completely resolved with the low end keying systems used in most studios.

To counter these problems Formatt has designed ProComp. ProComp is specifically designed to remove fringing and spill as well as improving images with transparencies, and reducing the disjointing caused when objects move (motion blur). ProComp also vastly improves mattes by improving the density of screen colour.

ProComp is a unique blend of colour correction, masking and collimation which in the end stops reflected light from causing problems with the image. The colour correction (magenta for green screen and red for blue screen) effectively corrects the shot and is

available in 2 grades, 15cc for normal shots and 25cc for difficult situations.

There is a wide range of densities for ProComp dependent on the focal length used.

ProComp is a highly technical filter which requires testing before use. It is supplied with a detailed manual outlining its operation.

ProComp should be used in all blue and green screen shots particularly where low end keying systems are being used. It should be used in every weather studio and whenever difficult situations with highly reflective objects and where high levels of motion blur are likely to occur.

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