

## Epson (China) Co., Ltd.

**Note:** Certification is in accordance with Idealliance Wide/Grand Format Inkjet Certification Program

The Idealliance Print Properties Digital Print Working Group has established a certification process for digital production presses (xerographic/inkjet). The following information is intended to assist printers and customers in understanding the printing conditions and how they were achieved and/or to replicate these results on a similar system.

### I. Manufacturer

Company Name: Epson (China) Co., Ltd.

Company Address: F4 Tower 1, CHINA Central Place , NO. 81 Jianguo, Chaoyang District, Beijing, China

Website: [www.epson.com.cn](http://www.epson.com.cn)

### II. Product Name

EPSON SureColor S80680

Epson Edge Print V5.8

Epson UltraChrome® GS3 RED 10-color solvent ink

Hongcai Century Coated Art Paper 200gsm

### III. Overview

The 64-inch SureColor S80680 features newly-developed Epson UltraChrome® GS3 RED 10-color solvent ink – including an all-new RED solvent along with the option for white or metallic silver inks – for outstanding photographic print quality, durability, and media compatibility. When combined with an all-new precision media feeding system and a high-performance Dual-Array PrecisionCore® TFP print head, the SureColor S80680 is one of the most productive and photographic sign printers available.

### IV. System Components and Printing Procedure

- **Information Registration**

We have to finish the following two items before print with this software (EPSON Edge Print).

**Media Settings-**

Register to the printer the setting values for the heater temperature, Platen Gap, Media Tension etc... that are appropriate for the media you are using

**Print Information-**

Register in the software the media's ICC profile, number of passes, resolution, etc.

- **Printing with the optimum settings for the media being used (printing using EMX):**

To print with the optimum settings for the media, we need to register the print information and the media setting values appropriate for the media you are using in the printer and the software. Here, we use the print files (EMX files) provided free from Epson to explain a method to easily print and get the print quality of the expert settings.

- **Creating print information suitable for the media being used:**

By using the EMX files provided free from Epson, we can easily do optimum printing on commercially available media. Selecting a similar media type from the generic print information that is provided with the software and then editing it for the media we are using.

- **Color Settings:**

We can do settings for print data (input) and do settings for jobs (output) in Color Settings.

1. Select a job in which to set the colors from the Job List.

2. Click menu.(Color Settings) in the Job Setting

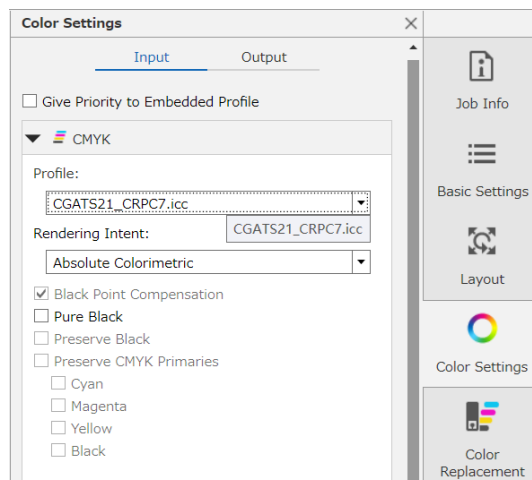
Set a suitable color space (CMYK/RGB) according to the color space used for the print data.

- **Input profile settings**

To reproduce the colors of the print data as closely as possible when printing, do the settings, as shown below CRPC7, according to the conditions of the print data.

When the print data does not have an embedded input profile, or if you do not know what kind of input profile was used. We recommend selecting the following input profiles.

*Overview of input settings*



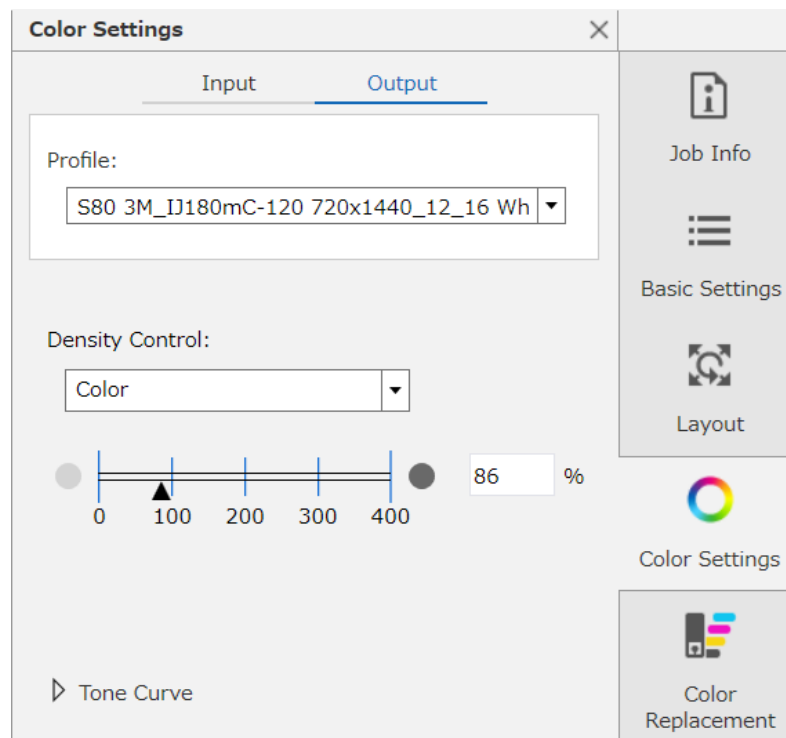
- **Setting Rendering Intent**

We can select from the following conversion methods for when we convert a color space from an input profile to an output profile. Normally, we take Absolute in this case.

- **Changing media profiles**

Media profiles are also called output profiles, and they are used when a job is output to the printer. There is normally no reason to change them because the optimum media profile is set to the media that is selected in Media Name in. (Basic Settings) in the Job Setting menu.

Overview of output settings



When they need to be changed, select the profile we want from the list box, and then set it.

## V. Finishing Procedures (Optional)

The printer is designed to use only Epson ink cartridges and not other brands of new or refilled cartridges, or other brands of ink or bulk ink systems. Using Epson cartridges is important for reliable performance and high image quality.

Temperature:

Operating: 50° to 95°F (10° to 35°C)

Storage: -4° to 104°F (-20° to 40°C)

Humidity:

Operating: 20 to 80% (40 to 60% recommended)

Storage: 5 to 85% (no condensation)

## VI. Additional Data (Optional)

### UltraChrome GS3 Inks

Production capacity — high-capacity ink cartridges at 700 ml per color

Extreme image quality — photographic image quality with the largest color gamut in its class

Superior media compatibility — print on virtually any media type from adhesive vinyl to banner material

Same day lamination — first solvent printers to offer same day lamination<sup>2</sup>

Environmentally responsible — no special ventilation or air purification is required<sup>3</sup>.

3M MCS warranty — the most comprehensive warranty program in the signage industry is now available on all standard UltraChrome GS3 Inks — more information

Avery ICS Performance Guarantee – Verified and tested by one of the top media manufacturers in the world - [Learn More](#)

Pantone Certification — Reach up to 98.2% Pantone coverage, the highest coverage in its class

### PrecisionCore TFP Print Heads

Consistent Color — efficient, precise and repeatable performance with excellent image quality

Precision — low vibration meniscus control for highly accurate dot shape and placement

PrecisionCore TFP printheads — dual one inch wide print heads with 720 nozzles per color

Epson Precision Dot — delivers best-in-class image quality at commercial-level print speeds

Robust Print Head Design — designed specifically for the high demands of production environments