

Support Bulletin

Product: Spro 7890 / 7900 / 9890 / 9900.

Surecolor SC-T3100 / SC-T3100M / SC-T3100X / SC-T3400 / SC-T3405 / SC-T3405N / SC-T5100 / SC-T5400 / SC-T5405.

Subject: ICC profiles for Production Photo Paper 200 (Ver 2.0)

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This bulletin provides information on the ICC profiles for the “Production Photo Paper 200” media.

1. File Information:

File Name:	ICC Profiles for “Production Photo Paper 200” media
Version:	2.0
Supported OS:	Windows 98 / ME / NT / 2000 / XP / Vista or later; MacOS 8 / 9 / 10.2 or later
Supported Printers:	Stylus Pro 7890 / 7900 / 9890 / 9900. Surecolor SC-T3100 / SC-T3100M / SC-T3100X / SC-T3400 / SC-T3405 / SC-T3405N / SC-T5100 / SC-T5400 / SC-T5405.

2. Profile Description:

These RGB ICC profiles are intended for prints with Production Photo Paper 200 using EPSON Professional Inkjet printers and their Epson standard printer drivers.

Profile Name	Printer Model	Black Ink Type	EPSON Driver Media Type
Epson Stylus Pro 9890_7890 Production Photo Paper Glossy 200.icm	Stylus Pro 7890/9890	Photo Black	Premium Glossy Photo Paper 170
Epson Stylus Pro 9890_7890 Production Photo Paper Semigloss 200.icm	Stylus Pro 7890/9890	Photo Black	Premium Glossy Photo Paper 170
Epson Stylus Pro 9900_7900 Production Photo Paper Glossy 200.icm	Stylus Pro 7900/9900	Photo Black	Premium Glossy Photo Paper 170
Epson Stylus Pro 9900_7900 Production Photo Paper Semigloss 200.icm	Stylus Pro 7900/9900	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3100_5100_Production Photo Paper Glossy 200.icm	Surecolor SC-T3100/5100	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3100_5100_Production Photo Paper Semigloss 200.icm	Surecolor SC-T3100/5100	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3100M_5100M_2100_Production Photo Paper Glossy 200.icc	Surecolor SC-T3100M/5100M/2100	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3100M_5100M_2100_Production Photo Paper Semigloss 200.icc	Surecolor SC-T3100M/5100M/2100	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3100X_Production Photo Paper Glossy 200_V2.icc	Surecolor SC-T3100X	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3100X_Production Photo Paper Semigloss 200.icc	Surecolor SC-T3100X	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3400_5400_Production Photo Paper Glossy 200.icm	Surecolor SC-T3400/5400	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3400_5400_Production Photo Paper Semigloss 200.icm	Surecolor SC-T3400/5400	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3405_3405N_5405_Production Photo Paper Glossy 200.icc	Surecolor SC-T3405/3405N/5405	Photo Black	Premium Glossy Photo Paper 170
Epson_SC-T3405_3405N_5405_Production Photo Paper Semigloss 200.icc	Surecolor SC-T3405/3405N/5405	Photo Black	Premium Glossy Photo Paper 170

3. Installing ICC Profiles for “Production Photo Paper 200”

To install the ICC profiles on your computer, you need to place them into the correct Operating System profile folder. Please see the following table for the correct location of the profile folder for your operating system:

Operating System	Location of ICC Profiles
Windows 98 / ME	Windows / System / Color
Windows NT	Winnt / System32 / Color
Windows 2000	Winnt / System32 / Spool / Drivers / Color
Windows XP / Vista or later	Windows / System32 / Spool / Drivers / Color
MAC OS 8 / 9	System Folder / ColorSync Profiles
MAC OS 10.2 or later	Library / ColorSync / Profiles

4. How to print with ICC profiles using Adobe Photoshop for the colour conversion

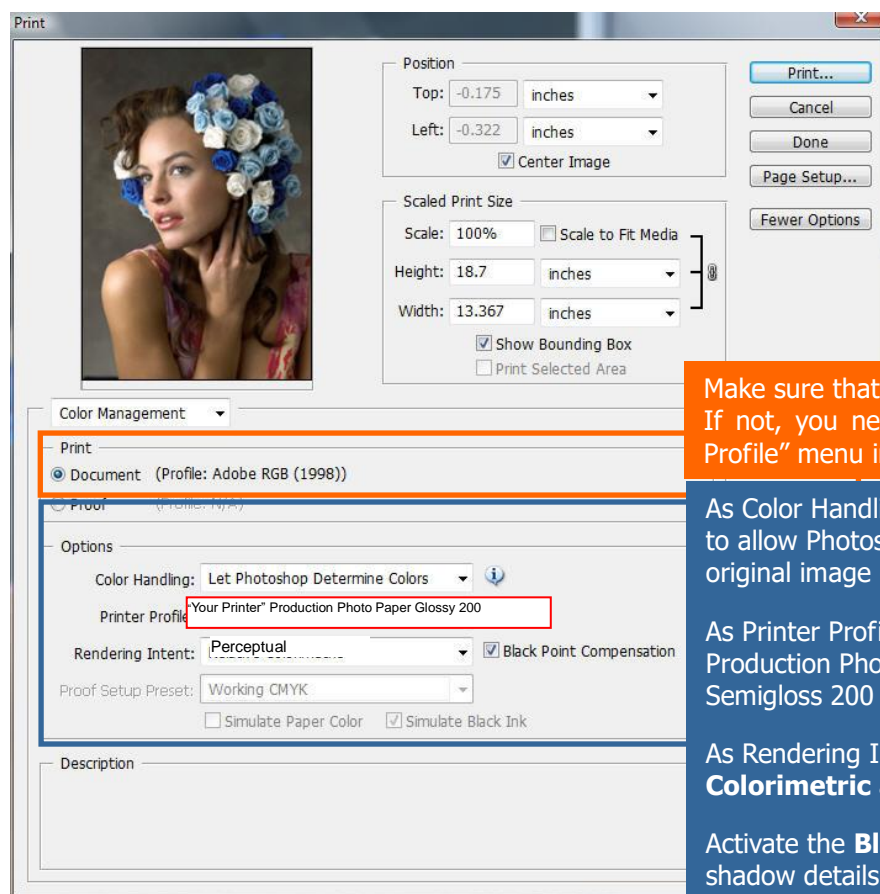
As example, this chapter shows the required Adobe Photoshop CS2 print dialog and Epson driver settings. Please note: The settings may slightly differ for different Adobe Photoshop versions and Epson printer models.

4.1 Start Adobe Photoshop and open the image that you want to print.

4.2 Open the menu “**File > Print with Preview**”

4.3 In the “**Print**” dialog select the **Color Management** menu.

4.4 Make sure that your image has an assigned “**Document**” (input) profile to ensure consistent color printing.



Make sure that your image has an assigned “input” profile. If not, you need to select a profile from the “Edit → Assign Profile” menu in Adobe Photoshop’s main menu view.

As Color Handling select **Let Photoshop Determine Colors** to allow Photoshop to perform the color conversion from the original image colour space to the printer media colour space.

As Printer Profile, select from the list the “Your Printer” Production Photo Paper Glossy 200 or Production Photo Paper Semigloss 200 profile of your printer model.

As Rendering Intent, select **Perceptual** or **Relative Colorimetric** according to your image type and colour gamut

Activate the **Black Point Compensation** to ensure that shadow details will be preserved.

4.5 Select the color management “Options”.

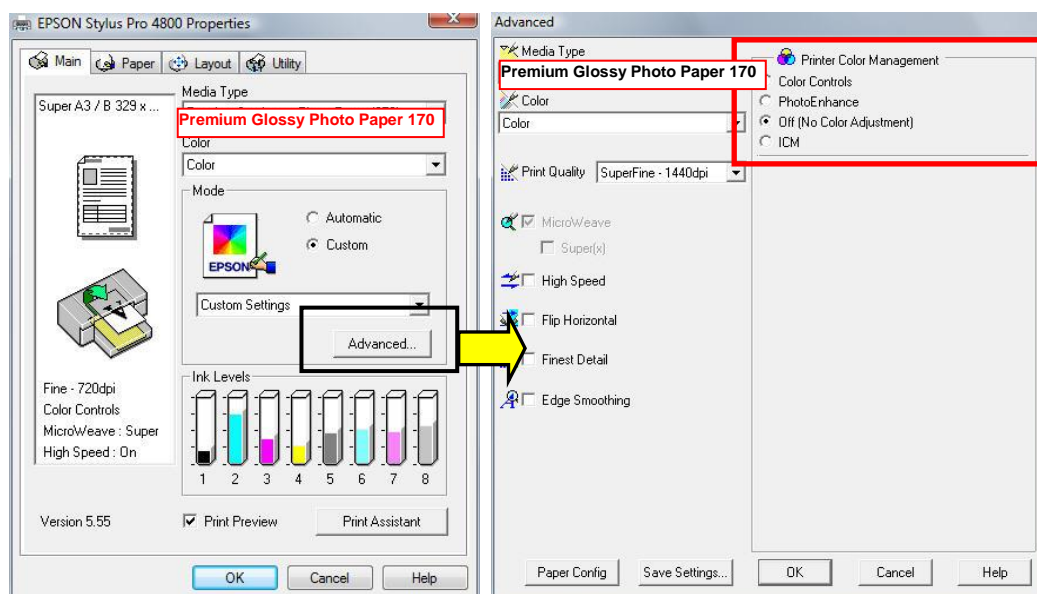
- Choose “**Let Photoshop Determine Colors**” as “**Color Handling**”
- Select “Your Printer” Production Photo Paper Glossy 200 as “**Printer Profile**”
- Set the “**Rendering Intent**” to “**Relative Colorimetric**” or “**Perceptual**”
- Check the “**Black Point Compensation**” check box.

4.6 Click on the “**Page Setup**” button to open the Epson printer driver dialog.

4.7 Go into the “**Advanced**” menu of the Epson printer driver dialog.

4.8 In the Advanced menu select:

- As “**Media Type**” the **Premium Glossy Photo Paper 170**
- The desired print quality settings (i.e. Print Quality Resolution, High Speed on or off and Finest Detail on or off)
- Disable the “**Printer Color Management**” by setting it to “**Off (No Color Adjustment)**”.



When you print using the Color Handling **Let Photoshop Determine Colors**, it is very important to disable the printer color management by setting it to **Off (No Color Adjustment)**. Otherwise you will apply a double colour conversion process (one by Photoshop + one by the printer driver) that will generate inaccurate colour results.

4.9 Finally press the “**Ok**” button to exit the Epson printer driver and click on the “**Print**” button of Adobe Photoshop to print your image.

5. How to print with ICC Profiles using the Epson printer driver for the color conversion

If your application is not supporting the ICC workflow or is allowing to send unconverted image data to your printer driver, you can print selecting the ICC profiles directly in the Epson printer driver.

Please note: Not all Epson printer models and operating systems allow the selection of custom ICC profiles. Therefore we recommend to check your printer’s user guide if your printer and operating system support this feature.

5.1. In your application select the **“Print”** menu to open the Epson printer driver dialog.

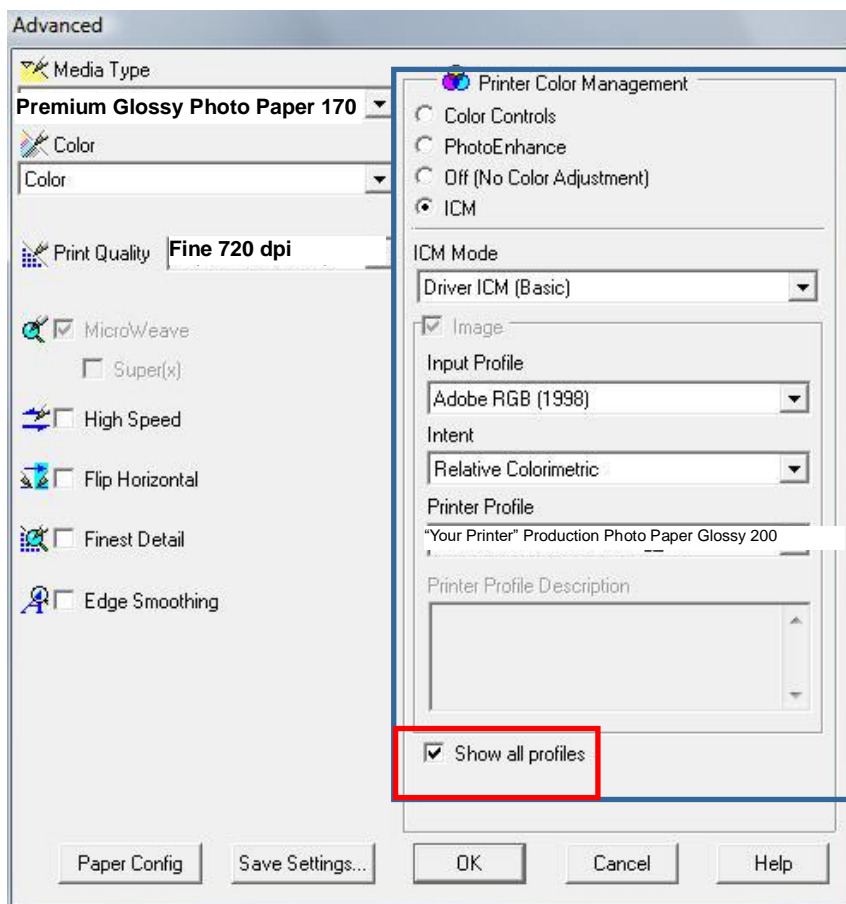
5.2. Go into the **“Advanced”** menu of the Epson printer driver dialog.

5.3. In the Advanced menu select:

- As **“Media Type”** the **Premium Glossy Photo Paper 170**
- The desired print quality settings (i.e. Print Quality Resolution, High Speed on or off and Finest Detail on or off)
- Choose **“ICM”** as **“Printer Color Management”**.

5.4. In the **“Driver ICM (Basic)”** mode select:

- The same **“Input Profile”** color space as your image has.
- Set the **“Rendering Intent”** to **“Relative Colorimetric”** or **“Perceptual”**.
- Activate the check box **“Show all profiles”**
- Select as **“Printer Profile”** **“Your Printer” Production Photo Paper Glossy 200**



Select **ICM** as Printer Color Management mode.

The first thing to do is to enable the **Show all profiles** option that will allow you to see and select all the ICC profiles installed on your computer.

As ICM Mode, select the **Basic** mode.

As Input Profile, select your document profile or define a profile by choosing it from the list. **Adobe RGB (1998)** or **sRGB** profiles are both suited for colour images printing. (Not ICC workflow supporting applications will mainly use the sRGB colour space)

As Intent, choose **Perceptual** or **Relative Colorimetric** according to your document type and color gamut

As Printer Profile, select from the list the **“Your Printer” Production Photo Paper Glossy 200** or **Production Photo Paper Semigloss 200** profile of your printer model.

5.5. Finally press the **“OK”** button to exit the Epson printer driver and click on the **“Print”** button of your application to print your image.