

Add and profile a new paper type

Printer: HP Designjet Z6100 series Operating System: Mac OS X



- 1. Select the HP Color Center icon in the dock located along the bottom of the screen.
- 2. The Printer Selector page will be open. Select your printer and click Launch Utility.

0)	Select P	rinter
			Info
		Name	
ø	Θ	HP Designjet Z2100 24in Photo	
ø		Designjet Z6100ps 42in Photo	
③	Θ	HP Designjet Z2100 24in photo	
③	Θ	NPI0040CA9983B7	
3	Θ	HP Designjet Z3100ps 44in Photo	Name: Designjet Z6100ps 42in Photo
			Model: HP Designjet Z6100ps 42in P
			IP Address: 16.23.114.132
			Utility: HP Printer Utility
			Available: Yes
			This printer is setup for printing in Printer Setup Utility.
Mo	re Pr	inters) Delete Settings)	Launch Utility

3. Configuration settings (left hand menu): Select Create and Install ICC Profile.

● ● ○	HP Printer Utility	
Configuration Settings		
HP Color Center	Create and Install ICC Profile	
😩 Calibrate Your Printer	Create and install a new ICC profile for the best color results printing from applications with your paper.	
Calibrate Your Display		
Create and Install		
🕡 Install ICC Profile		
Manage Papers		
HP Professional PANTONE Emulation		
HP Printing Knowledge Center	Create	
Configuration		
Printer Settings		
Printer Name: Designjet Z610		
Model Name: HP Designjet Z6		

• Click Create.

4. The HP Color Center prompts for information about the new paper, this is to create and install a new ICC profile:

Select Paper >

• Select Add a new paper.

0 0	Create and Install ICC Profile
	Select Paper
 Select Paper Add Custom Paper Select Action Choose ICC Profile Settings Calibrate Your Printer (~10 min) Create ICC Profile (~20 min) Install ICC Profile Finished 	Select a paper type that you want to associate with the ICC profile. Add a new paper Current papers
	(?) Cancel Go Back Continue

• Click Continue.

Add Custom Paper >

- Paper Name: Enter the name of your new custom paper (ex. "Special Instant-Dry Photo Gloss").
- Paper type: Select the type of your new custom paper. The paper type determines the amount of ink that will be used and other basic printing parameters; choose a paper type that most closely resembles your media.

If the results are not to your satisfaction, you can experiment by choosing different paper types and then use the one that works the best for you.

The new Custom Paper appears automatically under the paper type list:

• Printer front panel; Paper menu > Paper Types list > Custom Paper.

0 0	Create and Install ICC Profile
	Add Custom Paper
 Select Paper Add Custom Paper Select Action Choose ICC Profile Settings Calibrate Your Printer (~10 min) Create ICC Profile (~20 min) Install ICC Profile Finished 	Enter the name and select the type of the new custom paper. Click Continue to add the new custom paper to the list of custom papers. Paper Name: Special Instant-Dry Photo Gloss Paper Type: Photo Gloss Paper 🗘
	? Cancel Go Back Continue

• Click Continue.

Select Action >

- Select Print ICC profiling chart.
- Select Scan ICC profiling chart and create ICC profile.

0	Create and Install ICC Profile	
	Select Action	
 Select Paper Add Custom Paper Select Action Choose ICC Profile Settings Calibrate Your Printer (~10 min) Create ICC Profile (~20 min) Install ICC Profile Finished 	Select action: ✓ Print ICC profiling chart ✓ Scan ICC profiling chart and create ICC profile	
	(?) Cancel Go Back Continue	

• Click Continue.

NOTE If you would like to use a longer drying time, you can ask the HP Color Center to create the test chart without going on to create a profile (Select only Print ICC profiling chart). Then, later, when the chart is completely dry, you can restart the HP Color Center and ask it to create a profile using the test chart you have already created (Select only Scan ICC profiling chart and create ICC profile).

In this case the spectrophotometer takes a while to warm up before it is ready to scan.

Choose ICC Profile Settings >

The ICC profile will be created and installed with the specified name and settings.

Choose ICC Profile Settings		
Select PaperAdd Custom Paper	The ICC profile will be created and installed using the following settings:	
 Select Action Choose ICC Profile Settings 	ICC Profile Name: HP Designjet Z6100, HP Designjet Z6100p	
 Calibrate Your Printer (~10 min) 		
• Create ICC Profile (~20 min)		
Install ICC Profile		
Finished		
	Load the printer with HP Designjet Z6100ps, Special Instant-dry Photo Satin paper (size A4/A minimum). Click Continue to print and scan the printer calibration chart.	
	(?) Cancel Go Back Continue	

• Click Continue.

Calibrate Your Printer >

• Load the new paper into the printer (A4/A size).

	Calibrate Your Printer
 Select Paper Add Custom Paper Select Action Choose ICC Profile Settings Calibrate Your Printer (~10 min) Create ICC Profile (~20 min) Install ICC Profile Finished 	It is important to calibrate your printer for the new paper type before using it. Load the printer with Special Instant-Dry Photo Gloss paper. Click Continue to print and scan the printer calibration chart.
	(?) Cancel Go Back Continue

• Click Continue.

The printer will calibrate itself for use with your paper. The process takes about 10 minutes and consists of the following steps:

- A calibration test chart is printed.
- The test chart is allowed to dry for a period of time, the amount of time depends on the paper type, and this is so that the colors have time to stabilize.
- The test chart is scanned and measured using the HP Embedded Spectrophotometer.

Create and Install ICC Profile >

Once the printer calibration is complete, load again your new paper into the printer. When you have defined and calibrated a new paper type, the printer automatically creates and installs the new ICC profile; this is to be used with your paper. The process takes about 15–20 minutes and consists of the following steps:

1. A profiling test chart is printed:



- 2. The test chart is allowed to dry for a period of time; the amount of time depends on the paper type.
- 3. The test chart is scanned and measured using the HP Embedded Spectrophotometer.

Finished >

The new ICC profile is stored in the system folder on your computer. The profile is also stored in the printer, so that other computers connected to the same printer can copy it. Some applications may need to be closed and restarted in order to use a profile that has just been created.

	Finished
 Select Paper Add Custom Paper Select Action Choose ICC Profile Settings Calibrate Your Printer (~10 min) Create ICC Profile (~20 min) Install ICC Profile Finished 	The ICC profile was created successfully. The ICC profile HP Designjet Z6100, Special Instant-dry Photo Satin for the Special Instant-dry Photo Satin paper is available in the /Library/ColorSync/Profiles/HP Designjet Z6100ps 42in Photo folder on your computer and can be used from your applications. If the printed profiling chart shows banding, we recommend that you perform a 'Paper Advance Calibration' from the printer's front panel menu in the 'Image Quality Maintenance' section. Once this is done, perform the Create and Install ICC Profile workflow again.
	Cancel Go Back Done

• Click Done and OK.

For more information on HP Designjet products

www.hp.com/go/designjet

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