

# Activity 1: Import and use a Harmony curve in Prinergy

## Background

In order to use Harmony curves in ColorFlow, you must manually import them. You can then enable them in ColorFlow so that they can be used in Prinergy for halftone (screened) output.

### Recommended audience

Users who previously used Harmony software for tonal calibration.

## Tasks

### Goal


Import a Harmony plate curve in ColorFlow and use it to output a page in Prinergy.

### Task 1: Import Harmony plate curves

1. In ColorFlow, click the **Plate Curves** tab.
2. In the **Harmony Curves** section, click **Import**.
3. Select the sample Harmony database file [CF-AG01\\_Harmony\\_Plate\\_Curves.hmy](#).
4. Click **Open**.
5. Select all four curves in the **Import** dialog box and click **OK**.
6. In the **Harmony Curves** section, select the **Show in Prinergy Plate Curves** check box for the two DERIVED curves.

**Note:** If the **Show in Prinergy Plate Curves** column is not shown, click **File > Preference**, and then select the **Show Prinergy Workflow settings** check box in the **User Interface** tab.

7. To view the Harmony curve value, in the **Harmony Curves** list, do one of the following:
  - Double-click the **PLATE XL Euclidean 150 DERIVED** curve
  - Click the **PLATE XL Euclidean 150 DERIVED** curve, and then click the **Curve** icon

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in the curve object on the right window

8. Remember the 50% black ink value.

### Task 2: View the plate curves in Prinergy

1. In Prinergy, click **Tools > Process Template Editor > Loose Page Output > Virtual Proof**
2. Click **Virtual Proof.LoosePage**.
3. In the **Loose Page Output** dialog box, expand **Calibration & Screening**.
4. Click the **ColorFlow Current State** radio button.
5. Expand the **Plate Curve** drop down list, you should see the two plate curves you have selected in **Show in Prinergy Plate Curves**.

### Task 3: Output a page using the plate curve in Prinergy

1. In Prinergy, create a new job, and name it as XX CF Activity 01 (where XX = your initials).
2. Refine [Chart\\_TintRamp\\_CMYK.pdf](#) with 1stRef-Normz.
3. Output the PDF file using Virtual Proof.LoosePage with one of the plate curves you just imported:
  - a. In your **Virtual Proof.LoosePage** Process template dialog box, from the **Output To** list, select **Virtual Proof**.
  - b. Leave **ColorFlow Color Relationship Management** unchecked.
  - c. Expand the **Calibration & Screening** panel.
  - d. Click the **ColorFlow Current State** radio button.
  - e. Expand the **Plate Curve** drop down list and select curve **PLATE XL Euclidean 150 DERIVED**.

4. Open the generated page in VPS and measure the 50% black patch.  
Confirm that the plate curve has been applied and the 50% black patch measures 47%.

## Outcome

You have imported a Harmony curve and used it in Prinergy to control the tonal response of a plate.