

Use plate builder tasks

You are editing artwork that will be printed on specialty stock. You need to ensure that you have created appropriate changes to the artwork that will allow ink colors to be accurately reproduced.

These changes include the creation of a white plate to maintain the accuracy of a color, a bump plate to create a rich black, and a varnish plate to enhance the look of a continuous tone image.

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Create a job

1. If it is not already open, start Prinergy Workshop.
2. In Job Finder, right-click your main group, and choose **New Job**.
3. Type the job name `XX_Plate Builder` (where `<XX>` represents your initials).
4. Click **Create**.
5. Minimize the Job Manager window.

Copy an input file to the job folder and add input files to the job

1. From your workstation, locate: `Prinergy Activity Practice Files / Act_33_Plate Builder / Input File`
2. Restore Job Manager.
3. Open the `Input File` folder.
4. Drag the `Postcard.pdf` to the Job Manager's **Input Files** area.
5. In the Add Input Files dialog box that appears, under **Options**, click **Select** and select the **1stRef-Normz** refine process template.
6. Click **OK**.
Your file is copied to the `UserDefinedFolders` folder.
7. In the Start Process dialog box, click **OK** to start the Refine process.

Add a white separation to the PDF artwork

1. Open `Postcard.p2.pdf` in Adobe Acrobat.
2. Make the Plate Builder toolbar visible by performing both of the following actions:
 - a. Select **View > Toolbars > Kodak Tools**.
 - b. Select **View > Toolbars > Kodak Plate Builder**.



3. Move the toolbar to the desired position—for example, to the top or side of the Acrobat window.



4. Click the **Plate Builder Tool** button on the toolbar to start Plate Builder.

Notes:

- In Acrobat 8 or 9, you can also access Plate Builder by selecting **Advanced > Kodak Tools > Plate Builder Tool**.
- In Acrobat X, select **View > Tools > Kodak Plate Builder** and then select the **Plate Builder Tool** icon from the **Plug-In Kodak Plate Builder** section of the **Tools** panel on the right.

5. From the **Separation** list, choose **Edit separations list**.

6. In the Edit Separations dialog box, click **Add**.

7. In the Add Separation dialog box, complete the following:

In the **Name** box, type `White Plate`.

In the **Ink Type** list, choose **Transparent**.

Note: In this situation, a transparent ink type is used instead of an opaque ink type. This selection is used for two reasons: 1. To ensure that the trapper does not trap the white objects 2. Plate Builder places the white objects on top of other objects in the file, even though the white ink may be printed first. This will ensure that other colored objects do not create knockouts in the white plate.

To edit the **Color Recipe**, click the color swatch and modify the values in the **Color** dialog box. For this activity, leave the color as the default 10% Magenta.

To modify the **Tint Intensity**, drag the slider or type a value in the **Tint Intensity** box.

For this activity, leave the tint intensity as the default.

8. Click **Add**.
9. In the Edit Separations dialog box, Click **OK**.
10. With the **Plate Builder** tool selected, hold the Shift key and select the two red curved arrows.
11. Right-click one of the selected arrows and choose **Add objects to a separation**.
12. In the Add selected objects to separation dialog box, select **White Plate** from the **Separation** list.
13. Click **OK**.

Add a bump separation to the PDF artwork

1. With the **Plate Builder** tool selected, hold the shift key and select all black text in the PDF file.
2. Right-click any selected black text and choose **Add objects to a separation**.
3. In the Add selected objects to separation dialog box, select **Edit separations list** from the **Separation menu**.
4. In the Edit Separation dialog box, click **Add**.
In the **Name** box, type `Bump Plate`.
From the **Ink Type** box, select **Normal**.
In the **Color Recipe** selection, change the color swatch to **Cyan**. To select the cyan color, double-click the colored box, and then in the **Color Palettes** view, select **Cyan**. Click **OK**.
In the **Tint Intensity** selection, change the intensity to **20%**. Click **Add**.
5. In the Edit Separations dialog box, Click **OK**.
6. In the Add selected objects to separation dialog box, Click **OK**.

Add a varnish separation to the PDF artwork

1. Using the Plate Builder tool, select the continuous tone image. Ensure the reversed white text is not selected.
2. Right-click the image and select **Add objects to a separation**.
3. In the Add Selected objects to separation dialog box, select **Edit separations list** from the **Separation list**.
4. In the Add Separation dialog box, click **Add**.
In the **Name** box, type `Varnish Plate`.
From the **Ink Type** box, select **Transparent**.
In the **Color Recipe** selection, change the color swatch to **Yellow**. To select the yellow color, double-click the colored box, and then in the **Color Palettes** view, select **Yellow**. Click **OK**.
In the **Tint Intensity** selection, leave the intensity at 100%. Click **Add**.
5. In the Edit Separations dialog box, Click **OK**.
6. In the Add selected objects to separation dialog box, Click **OK**.
7. From the **File** menu in Adobe Acrobat, select **Save**.
8. Quit Adobe Acrobat.

Refine the PDF page again

1. In **Job Manager**, select `Postcard.p2.pdf` in the **Pages** pane.
2. From the **View** menu, choose **Visible Columns**.
3. Select the **Page Colors** option. Click **OK**.
4. In the **Pages** pane, view the **Page Colors** column. The PDF page is comprised of four process colors.
Note: To view the **Page Colors** column, view the **Pages** pane as **List**.
5. Right-click `Postcard.p2.pdf` and choose the process template: **Refine > Refine > 2ndRef-MapColors**.
6. In the Start Process dialog box, click the **Edit Process Template** button.
7. Turn the **ColorConvert** option off. This prevents the varnish plate from overprinting the continuous tone image. Click **OK**.
8. In the Start Process dialog box, click **OK**.
Note: At the completion of the refine process, notice the addition of a **Bump Plate**, a **Varnish Plate** and a **White Plate** in the **Page Colors** column of the **Pages** pane.

View the new separations

1. Right-click `Postcard.p2.pdf` and choose the process template: **Loose Page Output > Virtual Proof > Virtual Proof.LoosePage**.
2. In the Start Process dialog box, click **OK**.
3. In the **Pages** pane, right-click the `Postcard.p2.pdf` and select **Open VPS files**.
4. From the **Window** menu, select **Show Separations Palette**. Turn each color on and off to view the addition of the three new separation layers.
5. At the completion of the proofing process, quit Prinergy VPS.
6. Close XX_Plate Builder Job Manager.