

## Proof a press with Pantone Colors

<u>Application:</u> Adobe Illustrator CS <u>Printer:</u> HP Designjet 30/130 series <u>Software</u>: HP Software RIP <u>Operating System:</u> Mac OS X



- 1. First recommendations:
  - Some paper types are better than others for proofing, see the <u>Media type functionality & features</u> and choose the most appropriate media.
  - It is essential to have the media type correctly calibrated with the printer and print mode, consult the <u>Calibrate my printer</u> section.
- 2. Open Adobe Illustrator CS.
- 3. When using a calibrated printer (with the Automatic Pantone Calibration feature) the Pantone colors will act as a spot color and will be affected neither by the application color settings nor by the RIP color settings. In this case, configure the application and the RIP color settings for the other objects or images you have in the document, the following instructions are for the Pantone colors emulation only. Illustrator Color Settings, Edit menu > Color Settings...:

|            | Color Settings  |       |
|------------|---|-------|
| ettings: ( | Custom  | ОК    |
| Advance    | ed Mode   | Cance |
| Working    | Spaces  |       |
| RGB:       | Adobe RGB (1998)  | Load  |
| CMYK:      | Euroscale Coated v2   | Save  |
| Color Ma   | nagement Policies   | -     |
| RGB:       | Preserve Embedded Profiles  |       |
| CMYK:      | Preserve Embedded Profiles  |       |
|            | fismatches: 🗹 Ask When Opening<br>🗹 Ask When Pasting<br>ng Profiles: 🗹 Ask When Opening |       |
| Conversi   | on Options  | -     |
| Engine:    | Adobe (ACE)   |       |
| Intent:    | Perceptual  |       |
| 🗹 Use B    | lack Point Compensation   |       |
| escription | 1:  |       |
|            |   | 7     |
|            |   |       |
|            |   |       |
|            |   |       |

- Open an existing document, File menu -> Open... or create a new file, File menu -> New....
- Make sure you have configured the Document Setup appropriately for your document, File menu > Document Setup....
- 6. Select your Pantone Color and draw/paint your image, you can select it in the Swatch Library, Window menu > Swatch Libraries > PANTONE solid coated.



- 7. RIP settings, **File menu > Print...:** 
  - **Printer:** Select the printer (ex. hp\_designjet\_130\_RIP).
  - Page Setup...:
    - Format for: Select the printer.
    - **Paper Size**: Select the paper size of the media loaded on the printer.
    - **Orientation:** Select the orientation of your image on the paper.
    - o Click **OK**.
  - Printer... button > Printer Features (Mac OS X v10.3):
    - Media Options:
      - Select the **Media Type** that is loaded on the printer (always calibrated).
      - Print Mode: Best (always calibrated).

| Printer:          | hp_designjet_130_RIP_Ur   | nkno 🛟          |
|-------------------|---------------------------|-----------------|
| Presets:          | Standard                  | :               |
|                   | Printer Features          | •               |
| 1                 | eature Sets: Media Option | ns 🛟            |
|                   |                           |                 |
| Media Type: HP    | Premium Plus Photo and Pr | roofing Gloss 🛟 |
| Datas Mandas Dear |                           | •               |
| Print Mode: Bes   | •                         |                 |
| Print Mode: Bes   | •<br>                     |                 |
| Print Mode: Bes   |                           |                 |
| Print Mode: Bes   |                           |                 |
| Print Mode: Bes   | <u> </u>                  |                 |

- Color Options 1:
  - Check **Automatic Pantone Calibration** (see <u>Graphic Arts</u> section for more information about this technology).

| Desertes                              | (c. 1.1                      |   |
|---------------------------------------|------------------------------|---|
| Presets:                              | Standard                     | • |
|                                       | Printer Features             | • |
| 1                                     | eature Sets: Color Options 1 | 1 |
|                                       |                              |   |
| Print in Grays                        | ale                          |   |
| Automatic Par                         | tone calibration             |   |
| Ignore calibra                        | tion curves when printing    |   |
| Perform Color                         | Correction                   |   |
|                                       | le: Use Default              |   |
| CMYK Input Profi                      |                              |   |
| CMYK Input Profi<br>RGB Input Profile | Use Default                  |   |

- Click **Print**.
- 8. Adobe Illustrator **Print...** settings:
  - General (left hand menu):
    - **Media > Size:** Defined by Driver.
    - **Options:** Select the scaling option you need.
  - **Output** (left hand menu):
    - o Mode: Composite.
  - **Color Management** (left hand menu): configure it for the other objects or images you have in the document.

|                              | Print                               |  |  |  |
|------------------------------|-------------------------------------|--|--|--|
| Print Preset:                | Custom                              |  |  |  |
| Printer:                     | hp_designjet_130_RIP_UnknownMac     |  |  |  |
| PPD:                         | Default (HP designjet 130 RIP)      |  |  |  |
| Column                       | Management                          |  |  |  |
|                              | obe RGB (1998)                      |  |  |  |
| Graphics<br>Color Management | Print Space                         |  |  |  |
|                              | ofile: PostScript® Color Management |  |  |  |
| Summary                      | tent: Perceptual                    |  |  |  |
|                              |                                     |  |  |  |
| (Page Setup) Printer (S      | ave Preset) Cancel Print Done Done  |  |  |  |

• Click **Print.** 

## For more information on HP Designjet products

www.hp.com/go/designjet

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