

Roland VersaUV Tech Bulletin

Topic: EUV2 to EUV4 Ink Conversion Color shift. (LEJ-640, LEJ-640FT)

Due to the reformulation of the EUV4 ink, some users may notice a slight color shift in various colors when compared to EUV2 ink. This may prove problematic when it comes to matching the output using the Roland Color System Library. The following solutions will help achieve accurate colors after the ink conversion.

Solutions:

1. **Reassigning Spot Colors** – Reprinting the Roland Color System Library chart from Versaworks then reassigning the appropriate colors in the design program will ensure that colors are as accurate as possible.
2. **Using Process Color** – Some colors like black have proven to print skewed from the description on the color chart. For instance BK21A (100% K ink) will tend to print slightly reddish brown. In this case a process color will render a much more rich black.
3. **Building Custom Spot Colors** – The Roland Color System Library has a wide variety of colors. However, it is possible to expand and customize the number of spot colors in order to meet certain needs. More information on this procedure is available in the webinars below.

Resources:

Intro to Color Management:

- <https://www.youtube.com/watch?v=2XZCmDkAttc&feature=youtu.be&hd=1>

Principles of Color Management:

- <https://www.youtube.com/watch?v=DiJGIl6gz8&feature=youtu.be&hd=1>

Spot Color and Special Color Settings:

- <https://www.youtube.com/watch?v=Ep8DVayNpsY&feature=youtu.be&hd=1>