Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: 1.604.451.2700
Fax: 1.604.437.9891

Request support:
ecentral.creo.com

www.creo.com

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Technical bulletin

Prinergy Color Handling Options and Capabilities

Introduction:

This technical bulletin describes the ICC color conversions and overprint handling capabilities of the Creo Colormatcher JTP according to the licensing level. This document is applicable to Prinergy 2.3 and later versions.

Basic:

- Enables color management using ICC profiles of composite CMYK, RGB, or LAB files during refine.

Proof:

- Enables color management of spot colors and CMYK data during proof output.
- Enables proper color management of overprints.

Extended:

- Enables color management of n-color images during refine and proof output.
- Enables support for n-color spot color databases.

Refine Capabilities:

Color Separation		Basic	Proof	Extended
Input	Output			
RGB	CMYK or gray	✓	✓	✓
LAB	CMYK or gray	✓	✓	✓
CMYK	CMYK or gray	✓	✓	✓
Spot	CMYK	✓	✓	✓
RGB	n color			✓
LAB	n color			✓
CMYK	n color			✓

Color Separation		Basic	Proof	Extended
Spot	n color			✓
n color	CMYK			✓
n color	n color			✓

Overprint Handling	Basic	Proof	Extended
Vector Overprint		✓	✓

Proof Output Capabilities:

Options		Basic	Proof	Extended
Input	Output			
CMYK	CMYK or gray		✓	✓
Spot	CMYK		✓	✓
CMYK	n color			✓
Spot	n color			✓
n color	CMYK			✓
color	color			✓

Overprint Handling	Basic	Proof	Extended
Vector Overprint		✓	✓
Raster Overprint		✓	✓

Spot Color Capabilities:

Spot Color Replacement Tools	Basic	Proof	Extended
CMYK database capability	✓	✓	✓
RGB database capability	✓	✓	✓
Pantone CMYK database	✓	✓	✓
Pantone LAB database	✓	✓	✓
Pantone Hexachrome database			✓
n color database capability			✓

About Creo

Creo is a world leader in solutions for the graphic arts industry. Core product lines include image capture systems; inkjet proofers; thermal imaging devices for films, plates, and proofs; professional color and copydot scanning systems; workflow management software; and proofing and printing consumables. Creo is also an original equipment manufacture supplier of on-press imaging technology, components for digital presses, and color servers for high-speed, print-on-demand digital printers. Creo trades under the symbols CREO on NASDAQ and CRE on the Toronto Stock Exchange. www.creo.com

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