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# PDF exporting options in Adobe InDesign

Dear Customers,

A **PDF/X-1a:2003** file can be exported as described below. This allows the Gyomai Kner Printing House the safest print data. Only CMYK, grayscale, and spot colors are allowed in a standard-compliant file, prohibiting the use of multiple layers, transparency and non-compliant ICC color profiles.

When creating the print data, the type of paper to be printed on and the technology must be specified. (coated or uncoated paper). Each colored element must be converted into CMYK with an output intent that is suitable for the printing technology and the paper:

- FOGRA51: **PSO\_Coated\_v3.icc** coated paper
- FOGRA52: **PSO\_Uncoated\_v3.icc** uncoated paper

The profiles can be downloaded from our website.

Please upload the inside pages, cover, endpaper/endpaper and jacket in separate PDF files. Each file must be written with profiles appropriate for the printing process and paper.

Please read the following instructions according to which the PDFs must be created.

#### 1. Installation of FOGRA51, 52 profiles

Profiles must be installed once. The profiles installed as follows will now be available for selection in the relevant menus in Adobe programs.

After extracting the **F51 F52 profiles.zip** file, select both profile files with the .icc extension one by one by right-clicking and selecting Install Profile from the pop-up menu.



#### 2. Color Settings panel

You can access the color settings via the InDesign menu "Edit" > "Color settings"... RGB and CMYK must be defined here. For RGB, choose Adobe RGB or sRGB. With CMYK, the setting must be made depending on the printing technology and paper: PSO Coated v3 (FOGRA51) for sheetfed offset printing for coated paper and PSO Uncoated v3 (FOGRA52) for offset paper.

Color Settings	
Unsynchronized: Your Creative Cloud applications are not synchronized for consistent color. To synchronize, select Color Settings in Bridge.	OK Cancel
S <u>e</u> ttings: F51_munyomo ✓	<u>L</u> oad <u>S</u> ave
Working Spaces	
<u>R</u> GB: Adobe RGB (1998) ~	
<u>C</u> MYK: PSO Coated v3 ~	
Color Management Policies	
RG <u>B</u> : Convert to Working Space ~	
CMYK: Convert to Working Space ~	
Profile Mismatches: 🗹 Ask When Opening	
Ask When <u>P</u> asting	
Missing Profiles: 🗹 Ask <u>W</u> hen Opening	
Conversion Options	
Engine: Adobe (ACE)	
Intent: Relative Colorimetric ~	
☑ Use Black Point Compensation	

It is recommended to save your settings for easy recall next time. Ready-made setup files are also available on our website.

#### 3. Setting and switching on print simulation / overprint

To view and check the print simulation, turn on Overprint Preview [Ctrl+Alt+Shift+Y] and Print Simulation in the View menu. From the Print Simulation Settings submenu you can parameterize each setting:

Customize Proof Condit	ion	
Device to Simulate:	PSO Coated v3 ~	ОК Cancel
Display Options (O Simulate Paper of Simulate Black I	Color	
Description Position the pointer over	a heading to view a description.	

If enabled successfully, the name of the simulated device (PSO Coated v3) will appear in brackets and [Overprint Preview] in square brackets on the File Name tab.

#### 4. Transparency flattening

The recommended PDF/X-1a:2003 standard is compatible with PDF version 1.3, which requires transparency-flattening before conversion. A custom set is created with the following settings.

Transparency	Flattener Preset Options			
- Name:	2400ppi			ОК
Rast	er/Vector Balance:	o	100	( <u>Cancel</u> )
	Rasters	Vectors		
		ррі		
Gradier	nt and Mesh Resolution: 600 🗸	ppi		
🗆 Con	vert All Text to Outlines			
🗌 Con	vert All Strokes to Outlines			
🗌 Clip				

#### 5. PDF export panel

#### a) PDF export panel – General

PDF/X-1a:2003 standard must be set here. It is important that the PDF is exported as pages, not as spreads. The PDF should not contain any interactive elements.



### *b) PDF export panel* – *Compression*

Color and grayscale images over 400 dpi should be converted to 300 dpi. It is not advisable to save an image with a resolution higher than 400 dpi in PDF format, as this will significantly increase the size of the files.

Export Adobe PDF	
Adobe PDF Preset:	F51_munyomo ~
Standard:	PDF/X-1a:2003  V Compatibility: Acrobat 4 (PDF 1.3)  V
General Compression Marks and Bleeds	Compression Color Images Bicubic Downsampling to $\checkmark$ 300 pixels per inch
Output Advanced Security Summary	for images above: 400 pixels per inch Compression: Automatic (JPEG) ~ Tile Size: 128 Image Quality: Maximum ~
Summery	Grayscale Images Bicubic Downsampling to ~ 300 pixels per inch for images above: 400 pixels per inch Compression: Automatic (JPEG) ~ Tile Size: 128 Image Quality: Maximum ~
	Monochrome Images         Do Not Downsample       2400       pixels per inch         for images above:       3600       pixels per inch         Compression:       CCITT Group 4          Compress Text and Line Art       Crop Image Data to Frames

When preparing for a hybrid screening, bicubic downsampling should be 500 dpi for color and grayscale images and should be turned off for monochrome images.

### *c*) *PDF export panel* – *Marks and Bleeds*

Bleed can be specified here. After enabling Use Document Bleed Settings option, the setting shows the bleed specified for the document. If bleed is not specified, a custom value can be set here. The file must not contain any printer's marks except Crop marks. The distance between the Crop mark and the trim box must be at least 3 mm.

Export Adobe PDF			
Adobe PDF Preset: F51_n Standard: PDF/X		Compatibility: Acrobat 4 (PDF 1.3)	
General Compression Marks and Bleeds Output Advanced Security Summary	Marks and Bleeds Marks All Printer's Marks Crop Marks Bleed Marks Registration Marks Color Bars Page Information	Type: Default Weight: 0.125 pt Offset: $3 mm$	
	Bleed and Slug Use Document Bleed Settings Bleed: Top: 0 mm Bottom: 0 mm Include Slug Area	Left: 🗘 0mm Right: 🗘 0mm	

#### *d*) *PDF export panel* – *Output*

Destination: PSO Coated v3 (FOGRA51) for coated paper and PSO Uncoated v3 (FOG-RA52) for offset paper should be selected. If the Color Settings are correct, Document CMYK reflects the correct setting. Select Color Conversion: Convert to Destination (Preserve Numbers). This means that all colors will be converted to the target color space when exporting the PDF. Output Intent Profile Name field must be filled out.

Export Adobe PDF						
Adobe PDF Pre <u>s</u> et:	F51_munyo	omo				
S <u>t</u> andard:	PDF/X-1a:2	003 ~		Compatibility:	Acrobat 4 (PDF 1.3	) ~
General	Out	put				
Compression		olor				
Marks and Bleeds		0101	Color Conversion:	Convert to Destination	(Preserve N ~	
Output				PSO Coated v3	~	
Advanced			_	Don't Include Profiles		
Security Summary				Don't Include Profiles		
Summary					Ink Manager	
	— P	DF/X				
		0	<u>u</u> tput Intent Profile	Name: PSO Coated v3	} ~	
			Output Condition	<u>N</u> ame:		
		0	utput Condition Ide	enti <u>fi</u> er:		
			<u>R</u> egistry	Name:		
	— D	escription				
		Position the	pointer over a heading	to view a description.		
Sa <u>ve</u> Preset					Export	Cancel

## e) PDF export panel – Advanced

Subset fonts should be 100%. For the transparency flattening, select your own custom setting, which was discussed in point 4.

Export Adobe PDF	
Adobe PDF Pre <u>s</u> et:	F51_munyomo ~
S <u>t</u> andard:	PDF/X-1a:2003 ~ Compatibility: Acrobat 4 (PDF 1.3) ~
General	Advanced
Compression Marks and Bleeds	Fonts
Output	Subset fonts when percent of characters used is less than: 100%
Advanced Security	
Summary	
	Transparency Flattener Preset: MAX_2400ppi ~ Ignore Spread Overrides
	Accessibility Options
	Display Title: File Name ~
	Language: English: USA
	Hover over an option to view description.