

PREPRESS REQUIREMENTS



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PRINT READY FILES

Reynders label printing has a PDF workflow that supports PDF-X4 format.

You can use the **standard PDF X4 export setting** but we recommend to change layers and compression settings from your application to export to PDF-X4.

For the best possible print result, please keep text and line work as vector and make sure the images are 300 dpi after scaling.

Vector



preview



outline view

Bitmap

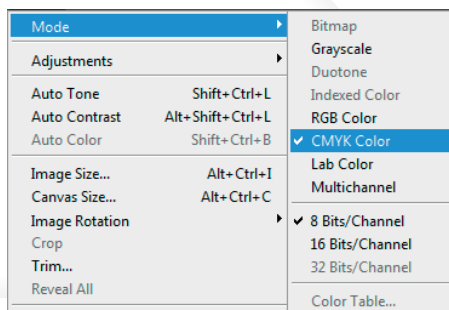
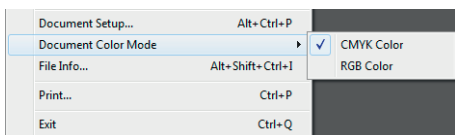


preview



outline view

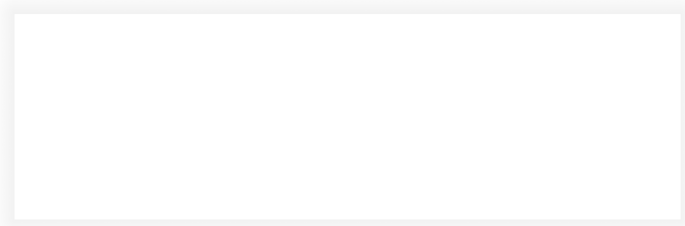
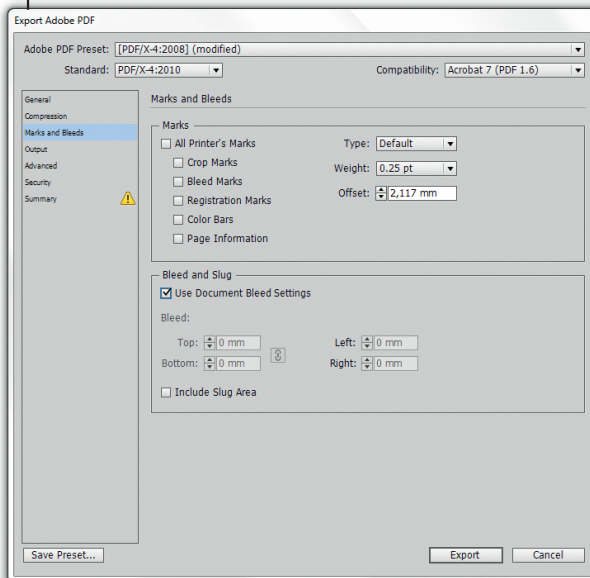
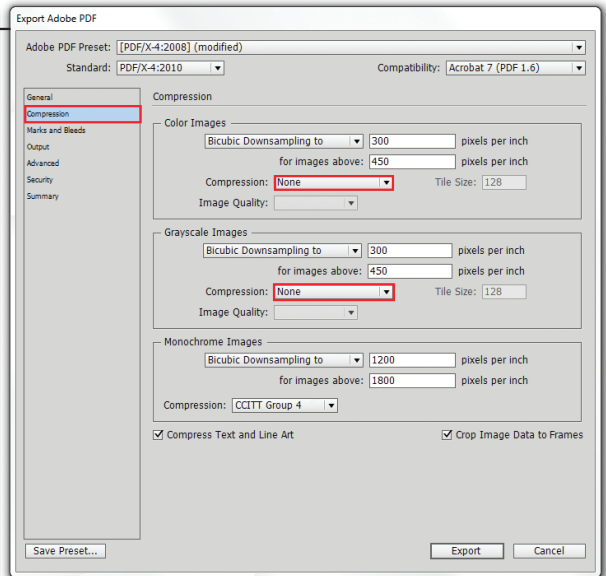
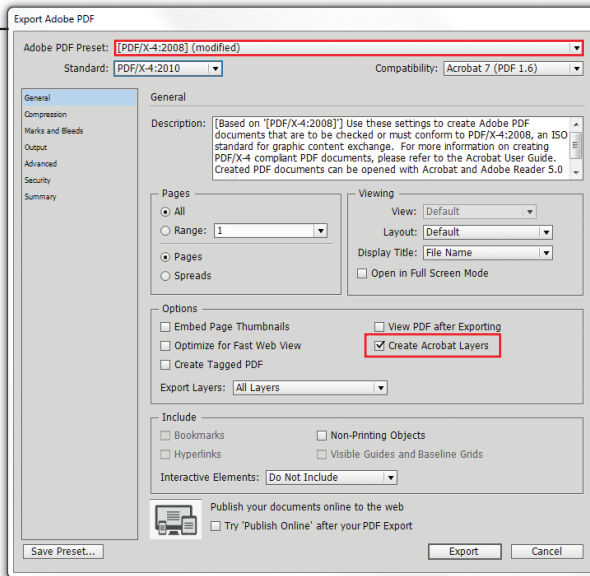
To prevent unpredictable color results, please create your files in **"cmyk color" mode**. RGB elements will be automatically converted to cmyk.



PDF SETTINGS FOR INDESIGN USERS



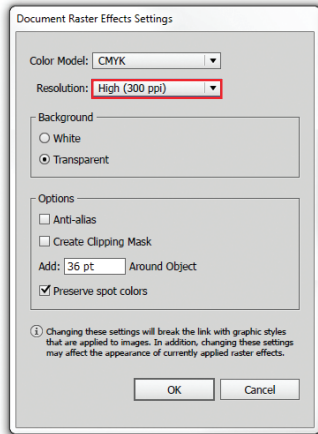
Choose File/Export in InDesign and select Adobe PDF Preset [PDF/X-4:2008].
 In menu **General** activate "Create Acrobat Layers", in menu **Compression** put the value of Compression to "None" and in menu **Marks and Bleeds** activate "Use Document Bleed Settings".



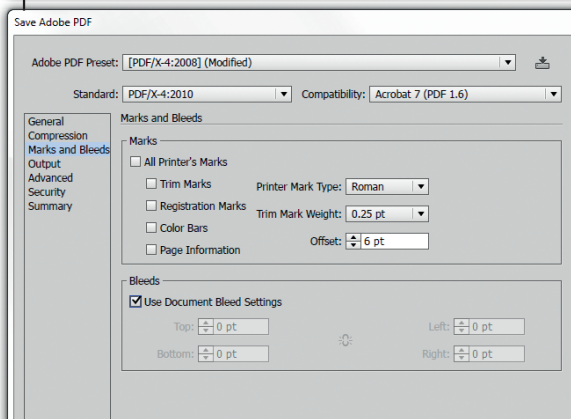
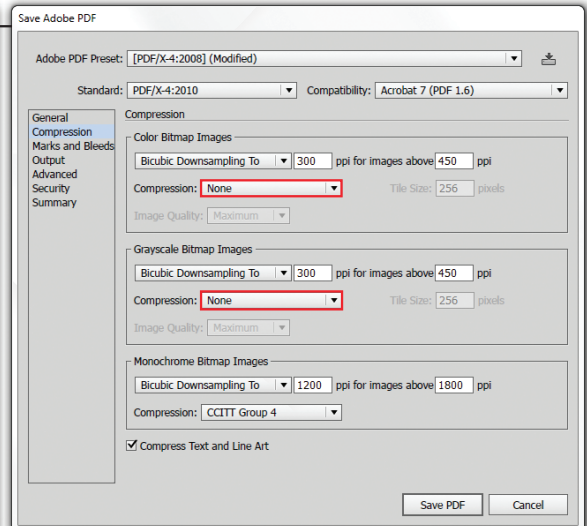
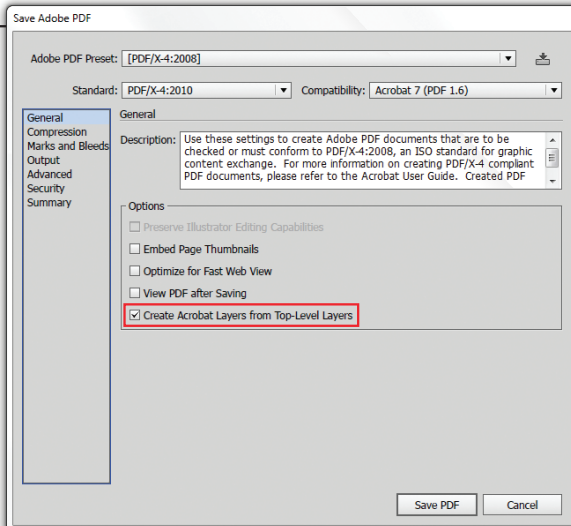
PDF SETTINGS FOR ILLUSTRATOR USERS



Before saving to PDF, make sure that the resolution of "Document Raster Effects Settings" is put to "High (300 ppi)".



Choose File/Save as Adobe PDF and select "Adobe PDF Preset" [PDF/X-4:2008]. In menu General activate "Create Acrobat Layers...". In menu **Compression** put the value for "Color and Grayscale Bitmap images" to "None" and in menu **Marks and Bleeds** activate "Use Document Bleed Settings".



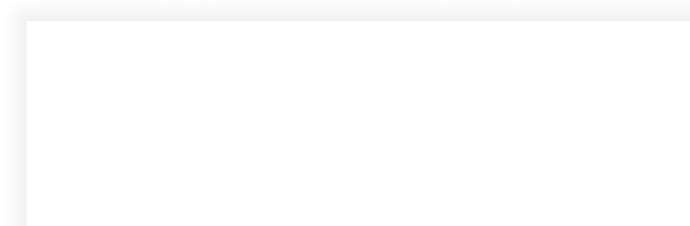
REYNDERS NEEDS TO MAKE CHANGES

If Reynders needs to correct your files (text correction, color corrections, layout corrections) then please supply your artwork in the software it was created in.

We use Esko Normalised PDF and we can read Artpro files as well as files created with Adobe Creative Cloud software. Adobe Illustrator, Adobe Indesign and Adobe Photoshop are suitable software packages to supply artwork for print.

Don't forget to :

- Send us the **fonts** you used in your document
- Send us the **images** you used in your document
- Keep all used **layers**



GENERAL PRINT SPECIFICATIONS

- Bleed: minimum 1 mm
- Distance from diecut: minimum 1 mm
- Images minimum 300 dpi after scaling
- Minimum dot in file: none, HD flexo used
- Minimum line thickness positive/negative **one color**: 0,1 mm
- Minimum line thickness positive/negative **multi-color**: 0,2 mm*
- Minimum font size positive/negative **one color**: 4 pt
- Minimum font size positive/negative **multi-color**: 8 pt*
- Trapping: 0,2 mm
- Minimum barcode magnification: 0,81
- Barcode Width Reduction (BWR): 0,03 mm
- Standard screen ruling: 150 lpi
- Print densities: C 1,45 / M 1,35 / Y 1,30 / K 1,80
- Print sequence and angles: white(s), Cyan (52°), Yellow (7°), Magenta (22°), Black (82°), pantone(s)
- Printing curve: 1% → 6%; 25% → 38%; 50% → 74%; 75% → 90%

* Remember that fine elements in multiple screened colors may look unsharp due to the screening and small register differences. Printing these as a separate pantone will improve print quality drastically.

SILK SCREEN

Mostly used for printing Braille, tactile warning triangles or high coverage white.

- Minimum line thickness positive one color: 0,3 mm
- Minimum font size positive one color: 6 pt
- Minimum font size negative one color: 6 pt
- Trapping: 0,2 mm
- Standard screen ruling: 85 lpi

FOIL

- Minimum line thickness positive/negative one color: 0,2 mm
- Minimum font size positive/negative one color: 4 pt
- Trapping: 0,2 mm
- Standard screen ruling: 85 lpi

COMMUNICATION

- Via email (max 5 Mb) to your contact person.
- Via ftp: ask for your login data. You can upload to and download from your private folder
- The use of free internet services like "WeTransfer", "Yougotfiles", etc... are possible.

If you have questions regarding these specifications, please contact your representative at Reynders label printing.

