

PrePress Specifications

• **File delivery**

For your and our convenience we would prefer that you would send all files through our web page. Please go to <http://www.print-it.eu/> and press "File upload" button on the bottom left of your screen. Fill in all fields, add don't forget to check the recipient "Print-it Klaipeda" then simply press the "Add" button, browse for the files and press the "Send" button.

• **Supported File Types**

PDF, PostScript Level 1, 2, and PostScript 3, EPS, TIFF (composite files are preferred).

• **PDF versions**

Our work flow works on a PDF basis, therefore we prefer this format in the following standards: PDF/X-1a or PDF/X-3. We can accept PDF 1.4 files; however, there are potential RIPing issues, including font and transparency flattening. **For this reason, transparencies must be flattened before conversion to PDF.**

• **Pages**

Multi-page PDFs are preferred; do not split a project into more files than necessary.

Do not prepare work in printer or reader spreads (except cover files).

• **Fonts**

Embed all fonts when creating PostScript and PDFs or convert them to curves.

• **Trapping**

Do not trap your job. We have sophisticated trapping software to properly trap all jobs, free of charge. If you have special reasons to apply your own traps, please contact us first.

• **Trim and Bleed Boxes**

Set trim box size to equal the trim size of your finished piece in another words set your document size to equal the trim size of your finished book. Trim marks are not required. Extend bleeds by 3 mm beyond the trim on all sides. This applies to every file with bleed.

• **Colour Specifications**

Covers

To meet our printing condition you should ensure that you output to our specified destination profile (**ISOcoated_v2_300_eci.icc**), which we could send you on your request.

Images in RGB colour space will be converted into our CMYK space using icc profile mentioned above.

We prefer to override all embedded source profiles. If you insist on your special profiles, please contact us first.

The recommended maximum density of a 4/colour photo will depend on the type of paper. When printing on an uncoated paper (usually cover's back side), the total ink density should not exceed 260%.

When printing on a coated paper (usually cover's front side) the total ink density should not exceed 300%. Files provided with a 4/colour process in excess of the total ink density, or black areas exceeding total ink density, will either be rejected or corrected.

We recommend to use C 75%, M 62%, Y 60 %, K 100 % or K 100 %, C 80 % percentages for rich black elements.

Content pages

The ink percentage should not exceed 70 % of black in photos or other contone images in content pages.

• **Images**

The recommended image resolution 300 dpi for colour, gray 600dpi, mono 1200 dpi.

- ***Text and barcodes***

All black text and barcodes should be black (K) only.

- ***Cover files***

Cover files should be in printer spreads (4 -1 pages on front side, 2 - 3 pages on back side and spine in a centre of spread) and with the correct spine width. The book spine width could be calculated by yourself using following formula or look at our spine width list:

$$\text{count of content pages} / 2 * (\text{gsm} * \text{bulk}) / 1000 = \text{spine width (mm)}$$

gsm - weight of paper for content pages in grams/sq meter;

bulk - also referred as caliper, this is a paper's thickness which is quoted in microns.

Usually we print content pages on these types of paper:

- 45 gsm / bulk 1.8
- 50 gsm / bulk 2.4
- 55 gsm / bulk 2.0
- 60 gsm / bulk 2.0
- 70 gsm / bulk 2.0

The white gap equal to spine width should be left on cover's back side. If spine scoring is chosen then the white gap should be extended by 3 mm to the left and the right.

According to your order all extra files should be attached (spot, foiling, emboss).

- ***Content pages***

Pages should be scaled to the size of your finished book.

Top and bottom margins should not be less than 10 mm.

Inner margins should not be less than 11 mm.

Outer margins should not be less than 10 mm.

Margins and page number positions should be mirrored on odd and even pages.

- ***Preflight***

Once we receive your order and files, our prepress staff will view through the files. If any discrepancies occur, we will inform you about them. We have a possibility of making minor adjustments, for an additional charge. **Please, note that in either case, the print schedule may be affected.**

WE ARE PLEASED TO ANSWER ANY PREPRESS QUESTIONS YOU HAVE.
