

PRINTING DATA SPECIFICATIONS

For a smooth and reliable transfer of printing data, please comply with the following points: the printing data should comply with ISO Standard PDF/X1a or PDF/X4.

File formats

Please produce PDF/X1a or PDF/X4 directly from Adobe CS. In addition, „open“ data with editable text and all images are desirable.

Images

Images should be at least 300 dpi resolution in final size. Bitmaps, scanned logos or codes must be at least 1200 dpi final resolution.

Fonts

In accordance with the above-mentioned ISO standards, all fonts must be 100% embedded in the PDF.

Colour spaces

Only the colour spaces CMYK and spot colour may be used.

Colour designations

The colours used must correspond to the print colours. Technical colours, e.g. for the die-cutting outline or Braille, must be clearly designated and must be set up overprinting these elements. A key indicating the print colours and auxiliary colours is desirable.

Trimming and trapping

All elements and images which meet at a line of intersection (die-cutting outline exterior) must be bled off 2 mm. The data shall not contain any trapping (colour over- or underlaps).

Please lay out black as overprinting.

Braille

Braille must be structured according to the ECMA standards (dot size 1.6 mm/10 mm line spacing/at least 8 mm from creasing and cutting lines). Please indicate the plain text outside of the die-cutting outline.

Die-cutting outline

Please structure the printing data on a Rondo die-cutting outline. This outline cannot be changed and must be coloured in a technical colour with overprinting.

Folding box with reverse-side printing

Please produce a 2-sided PDF, with identical page size.

Varnish-free and/or ink-free areas

Indicate corresponding zones with a technical colour and set up overprinting these elements.

Communication channel for printing data

sFTP/FTP, HTTP, HTTPs download from the customer's own system or via the Rondo „Webcenter“ communication platform.