# DATA SHEET

**PinguinDruck**

## How to create embossing shapes –
## blind embossing

## General information

To create the blind embossing, please use a vector-based layout or graphics program (such as Adobe InDesign or Illustrator). Pixel files from image editing programs like Photoshop are generally unsuitable as they cannot be read.

The tool contour should always be created as a spot colour at 100% tone value. Effects (drop shadows, gradients etc.) are not possible!

Please always place the shape on your design. This is the only way to ensure a perfect fit and to check its position accordingly.

Shapes that are composed of several objects must be combined into a closed shape without overlaps (e.g. using the Pathfinder).
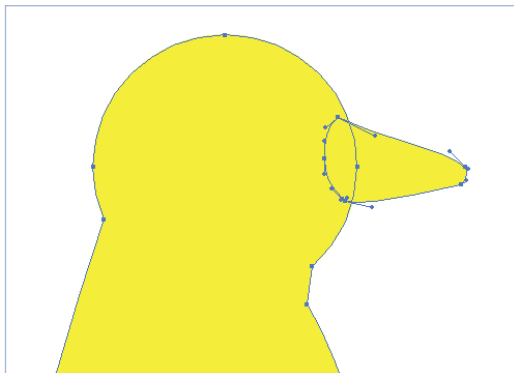


*Individual objects of the shape overlap* ✗
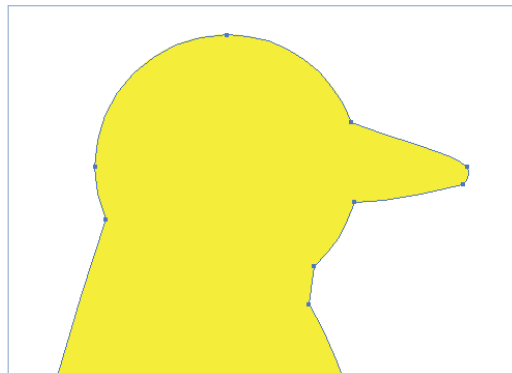


*All objects combined in a closed shape* ✔

## Please note!

| | |
|---|---|
| Minimum size: | 0,56 mm (1,5 pt) |
| Swatch name: | BlindPraeg |
| Special features: | Page with embossing 100% opaque is raised side, on the back there is a negative of the embossing |

# How to create embossing shapes
# – blind embossing –
# using Adobe Illustrator

Objects for embossing must be created as areas. If e.g. a 4 mm thick line is to be embossed, the line thickness must not simply be set to 4 mm. An appropriate shape or area (rectangle) must be created.

Blind embossing should not be used on too detailed shapes. We recommend a thickness/width of at least 0.56 mm (1.5 pt). Finer objects cannot be reproduced in the embossing. Negative (knockout) objects within the embossing area must be at least 0.56 mm (1.5 pt). For finer objects, there is a risk that they can no longer be reproduced.

Fonts should not be smaller than 10 pt and must be converted into paths.

Very fine fonts (for example, thin font styles and handwriting) are not suitable for blind embossing!

1. Create new colour in graphics or layout program.
   Swatch name: blindpraeg
   Colour type: Spot colour
   Colour mode: CMYK
   Cyan: 100%

2. Create the shape to be embossed as a vector area.
   Do not set a contour!
   Assign the colour "blindpraeg" to the area and set to "over print". In InDesign and Illustrator, this option can be found via Menu → Window → Attributes.

3. When exporting the PDF, do **not** change the colours in the colour settings. The embossing shape is then available in the finished PDF as an additional colour. In Acrobat, check the Separation/Output Preview to see if the area is positioned on the design as desired and set to overprint.
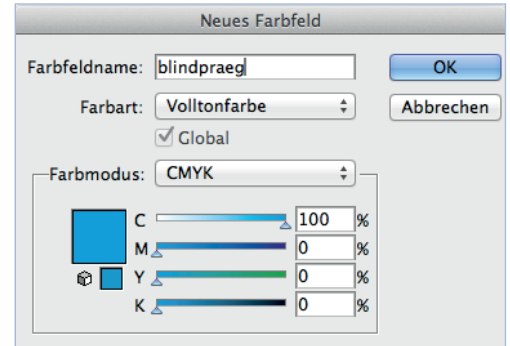


*Set swatch for blind embossing*
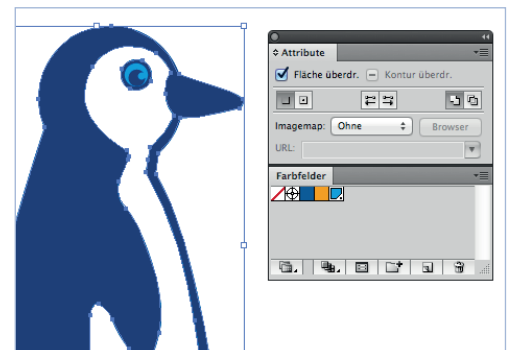


*Set area to overprint*
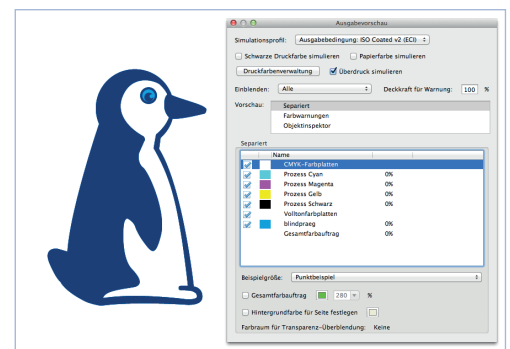


*Overprint Preview in finished PDF*