DATA SHEET

PinguinDruck

How to create partial glitter varnish

General information

In glitter varnish, silver glitter particles are added to the colourless UV varnish.
This can then be used to visually highlight individual objects.

For the varnish to appear as brilliant as possible and haptically appealing, it is applied by screen printing.
With fine elements (lines and fonts), only very few glitter particles pass through the screen.
Therefore, such elements should be avoided when designing for glitter varnish.
With a line thickness of less than 1.5 pt, a continuous application of varnish can no longer be ensured, and lines or fonts may break away.
Knockouts in the varnish areas should be at least 2 mm in size.
Finer elements can fill up and become barely visible or no longer visible at all.
Please note for the design that production-related small register tolerances of up to 0.5 mm cannot be avoided.
The varnish must be set to 100% coverage. Gradients **cannot** be reproduced with glitter varnish.

When processing the print data, the glitter varnish is **automatically set to overprint**.
If there are supposed to be objects under the varnish surfaces, these must be additionally created underneath the varnish and should also be filled with colour accordingly.
In case of e.g. white objects on a coloured background, the varnish must not be set to knockout.
An object must actually be created underneath the varnish and it must be assigned the colour “weiss”.

Please use only programs that support spot colours or special colours (e.g. Adobe InDesign, Illustrator, Photoshop) to create print data with glitter varnish.

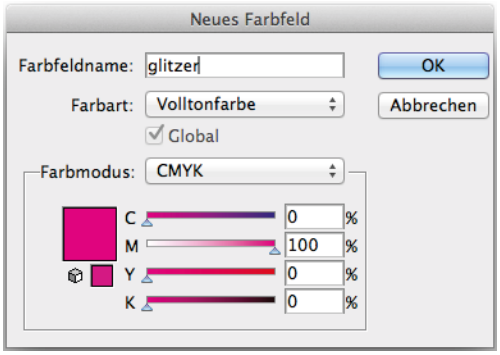
Please note!

Minimum size:	0,56 mm (1,5 pt)
Knockouts:	0,75 mm (2 pt)
Swatch name:	glitzer
Special features:	Transparent varnish with glitter silver particles
	Minimum 1.5 mm knockout for fold and crease

How to create partial glitter varnish using Adobe Illustrator

1. Design your file the way you want it to look.

2. Create a new swatch for the glitter varnish
   Swatch name: glitzer
   Colour type: Volltonfarbe
   Colour mode: CMYK
   Magenta: 100%

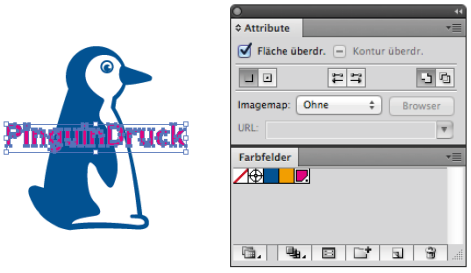


Create swatch for varnish

3. Assign the colour "glitzer" to all elements to be varnished.
   Do not use effects, transparencies or gradients on the varnish objects! The varnish must be set to 100% coverage.

4. All objects assigned the spot colour "glitzer" must be set to overprint. In InDesign and Illustrator this option can be found via Menu → Window → Attributes.

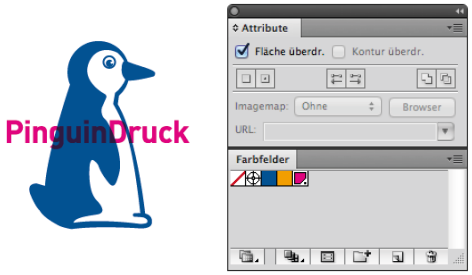
Please note:
The varnish is automatically set to overprint during production. Areas created only by setting varnish objects to knockout will not be printed!



Set to overprint

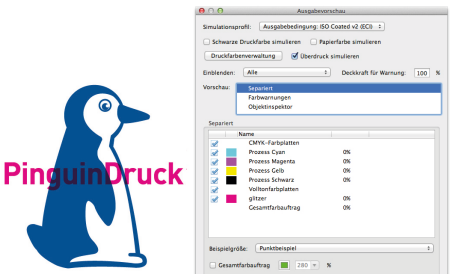
5. Activate the Overprint Preview under menu item View.
   All varnish objects are then displayed as coloured film on the design. This colour is used exclusively for visualization in the layout. On the finished product, the varnish is colourless, with glitter particles.

6. When exporting the PDF, do not change the colour in the colour settings (Output → Colour Conversion → No Colour Conversion). The varnish is then available as an additional colour in the finished PDF. In the Separation/Output Preview in Acrobat, you can check whether the varnish is properly assigned to all objects by switching the colour channels on and off.

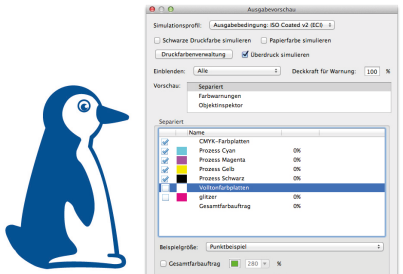


Activate Overprint Preview

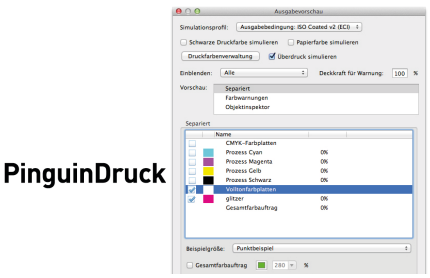
Check in finished PDF:



CMYK and varnish with Overprint Preview



Only CMYK view, varnish is hidden



Only varnish, CMYK is hidden

If you have any questions, we are personally available from 9am – 8pm!
Service phone: +49 (0)30 / 44 32 40-50 or contact us by email: webshop@pinguindruck.de

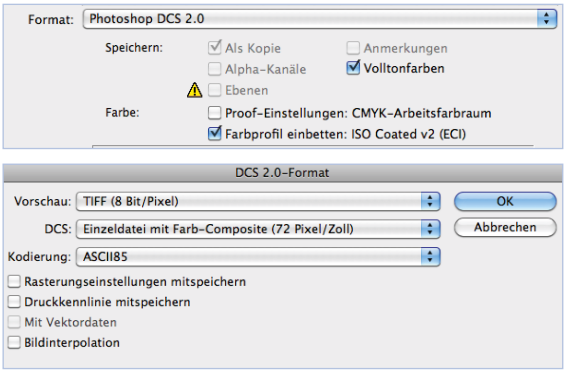
How to create partial glitter varnish using Adobe Photoshop

1. Via Menu → Window → Channels
   create a new spot colour/special colour channel.
   Swatch name: glitzer
   Colour: 100% magenta
   Solidity: 0%

2. Now select the elements and areas to be varnished.
   Then click the varnish channel. Make sure that only
   the varnish channel is selected.

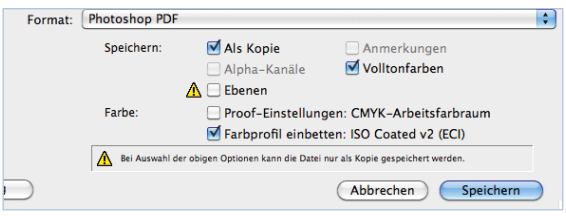
3. Via Menu → Edit → Fill
   the selected areas are filled with 100% black.
   The areas now appear magenta-coloured in the design.
   This colour serves exclusively for visualization in the file.
   On the finished product, the varnish is colourless!

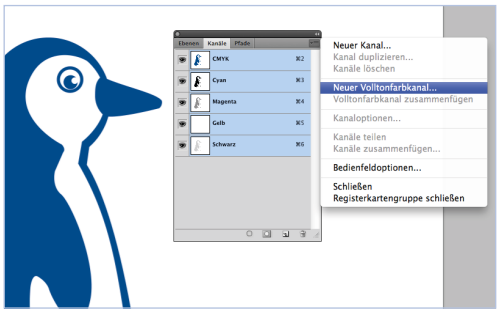
4. For further use in layout or graphics programs, you can now
   save an EPS image as Photoshop DCS 2.0. You can then place
   the image anywhere in your layout.



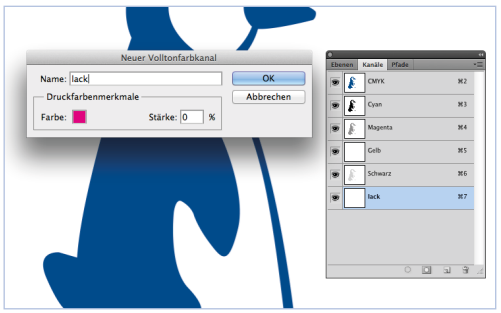
Or directly create a printable PDF.
Please make sure that spot colours are checked.
Layers must not be saved.
In the PDF settings, "No colour conversion" should be set via Menu → Output!

Check your PDF in Acrobat!

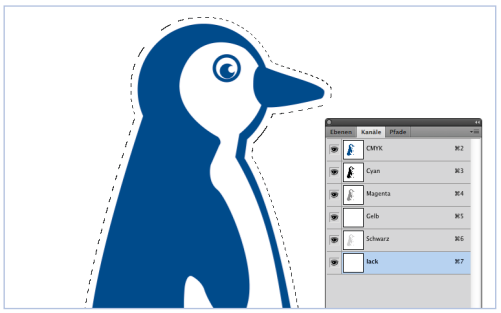




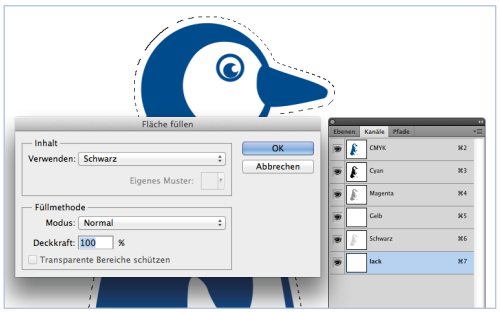
New spot colour channel



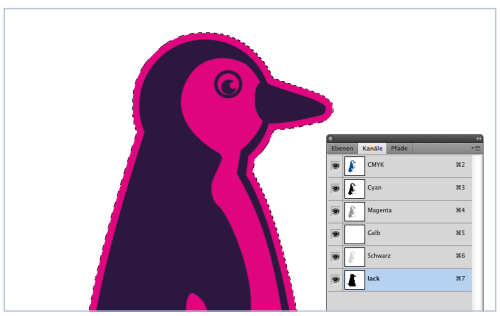
Spot colour channel settings



Create selection



Fill area



Coloured area

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