

# MOTIV IN RESOPAL®

Individual perspectives for interior design, floors or facades are opened up by MOTIV IN RESOPAL®. Your design ideas can be implemented with the aid of the latest silk screen and digital printing techniques or by traditional methods (e.g. drawings, paintings, inlays).

## → Areas of use

Corporate design elements, signs of every kind, production or process flow charts, switchboards, equipment panelling, furniture surfaces, table tops and counters, walls, room dividers, doors and floors, mobile exhibition systems, shopfitting and trade fair construction, facades and promotional areas.

## → Digital and screen printing

Screen and digital printing bring flexibility and inexhaustible diversity into interior, furniture and facade design.

We print your high-resolution and ready-to-print data with light and heat resistant ink on a special paper and press them into RESOPAL®. Other design options are opened up by the printing on the reverse side of the overlay (underprint).



MOTIV IN RESOPAL®, Kindergarten, A-Neusiedl

## → Each panel a unique surface

Drawings and paintings in UV-resistant colors on our special paper are permanently protected in RESOPAL® and can therefore even be used as facade boards. The glass-clear melamine resin layer of the overlay offers permanent protection of the original against external influences. For use on the facade it is provided with a special UV weather protection. Instead of the papers mentioned above, we can also press many other materials (natural fibers such as linen and nettle, collages etc.) in RESOPAL®.

## → Inlay work

Specially developed inlay techniques enable us to seamlessly combine decors from the RESOPAL® >2018 collection in one panel. By means of templates, we produce inlays according to your requirements.

Surface Design:  
Beautiful Balloons Lime  
by Lars Contzen

[www.resopal.de](http://www.resopal.de)

**RESOPAL®**  
Die Oberfläche.

# MOTIV IN RESOPAL® – six formats for your creativity

Click here to find out more about our surface textures:  
→ <http://www.resopal.de/en/products/surfaces-structures/>



Panel format: 1320 x 3650 mm

▣ Max. useful area  
including cutting allowance: 1300 x 3600 mm  
→ all surface textures possible



Panel format: 1320 x 3050 mm

▣ Max. useful area  
including cutting allowance: 1300 x 3000 mm  
→ all surface textures possible (except AJ)



Panel format: 1320 x 2350 mm

▣ Max. useful area  
including cutting allowance: 1300 x 2300 mm  
→ Surface textures 60, EM possible



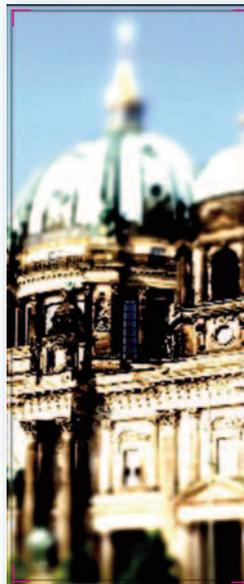
Panel format: 1320 x 2180 mm

▣ Max. useful area  
including cutting allowance: 1300 x 2150 mm  
→ Surface textures 60, EM, WH, WS possible



Panel format: 1020 x 2180 mm

▣ Max. useful area  
including cutting allowance: 1000 x 2150 mm  
→ Surface textures 60, EM, WH, WS possible



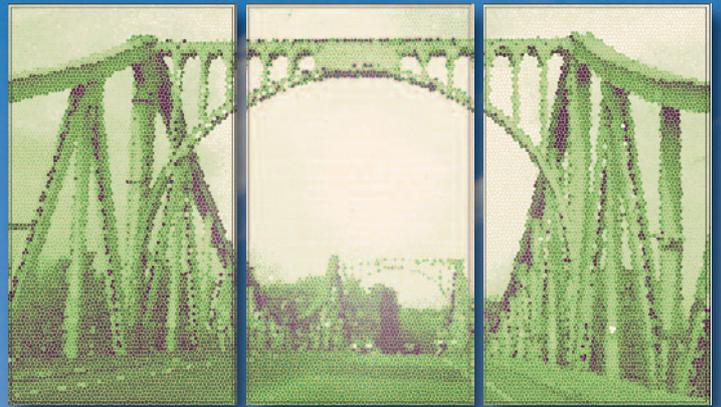
Panel format: 915 x 2180 mm

▣ Max. useful area  
including cutting allowance: 890 x 2150 mm  
→ Surface textures 60, 90, EM, WH possible

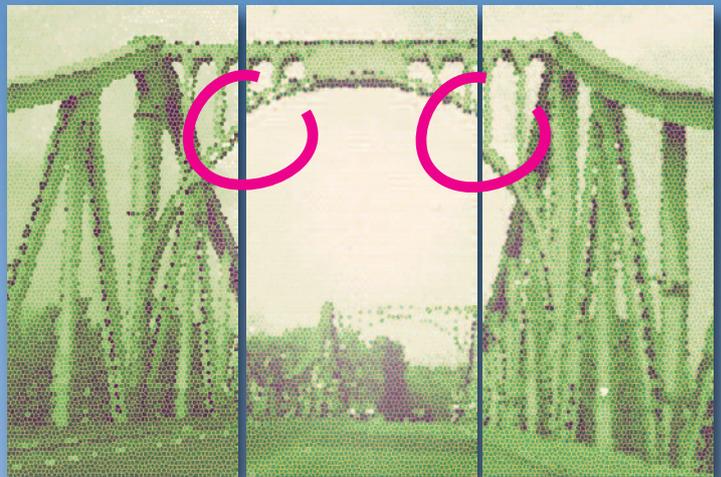
# MOTIV IN RESOPAL® – Unfolding motifs

The following points must be noted in order to obtain an impressive, precisely fitting result:

- Send us the net dimensions of your motif and we will take over the optimum arrangement on the panel for you.
- Important: On account of dimensional tolerances due to manufacturing conditions, simultaneous lengthwise and crosswise repeats are only possible within limits.
- Panels with unfolding motif must be cut to size starting from the centre, not from the outside!



*Send us your net format and we will optimize the arrangement on the panel so that everything subsequently fits perfectly!*

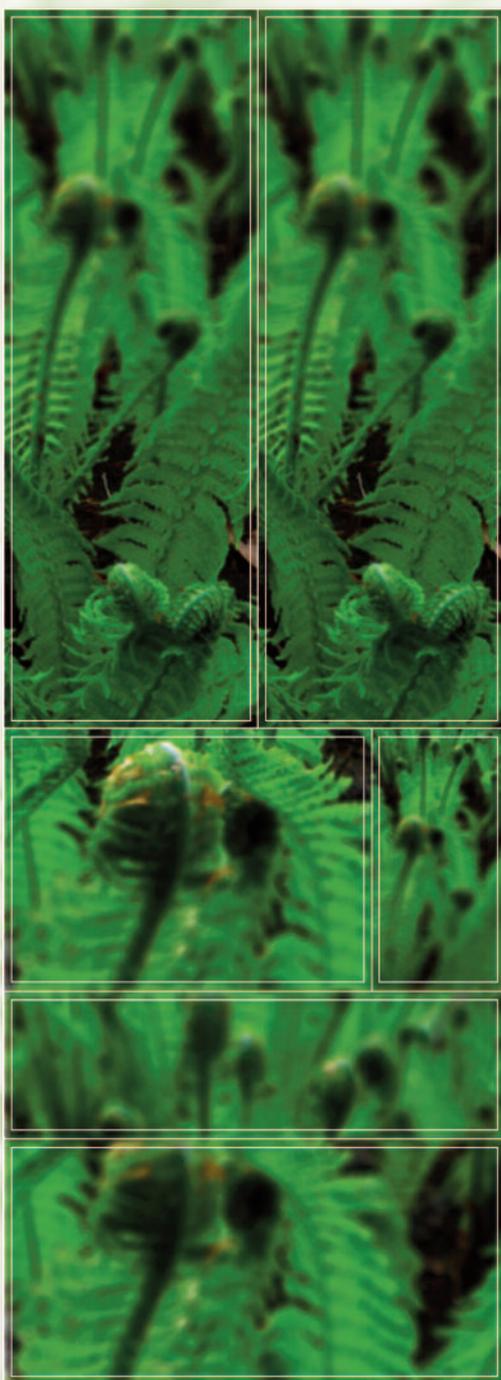


*Additional opportunities are created by such techniques as screen printing or inlay work.*  
→ Further information is available on request.



*Police training centre, D-Riesa-Poppitz; Photo: grit-doerre.de*

# MOTIV IN RESOPAL® – several motifs on one panel



All motifs on the panel unfold in the same direction

- A minimum distance of 20 mm must be allowed between the individual motifs and the edge of the panel.
- Ensure that the various motifs unfold in the same direction on a single panel.

↳ 20 mm  
↳ 20 mm minimum distance of 20 mm

↳ 20 mm minimum distance of 20 mm

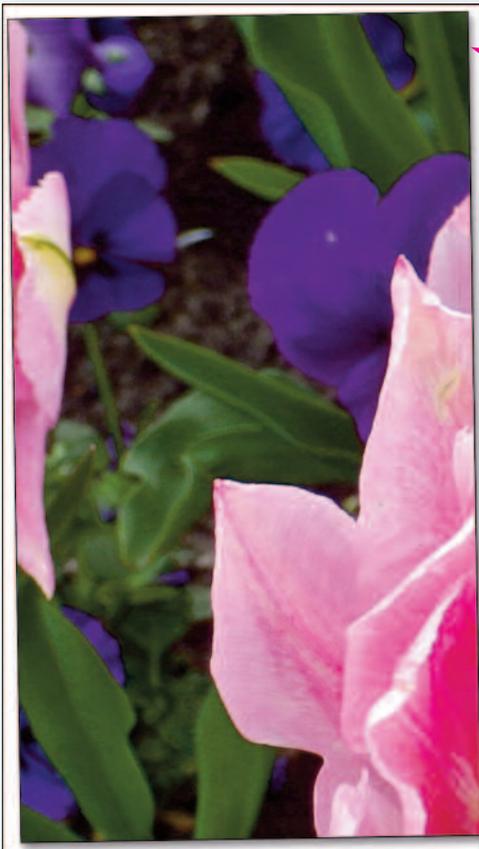
# MOTIV IN RESOPAL® – Oversize, cutting allowance, register marks



*Cutting marks serve as guides and must be positioned outside the motif.*

→ A cutting allowance of at least 10 mm must be allowed on all sides in relation to the net format. In the case of motifs unfolding over several panels, the accuracy of the fit decreases as the size of the motif increases. The allowance for cutting must therefore be enlarged proportionally.

- Cutting marks serve as guides and must be positioned outside the motif. They are not definitive marks for cutting!
- Manufacturing tolerances of up to 8 mm length and 3 mm width must be allowed for digitally printed HPL boards. This can result in deviations from the dimensional accuracy.
- For production reasons, the motif may not run parallel to the edge of the panel!



*For production reasons, the motif may not run parallel to the edge of the panel!  
Important: Exaggerated presentation!*

# MOTIV IN RESOPAL® – Our requirements as regards your data:

## 1. File formats

- High-resolution X3 pdf (CMYK isocoated-V2, fonts converted to paths, no RGB, no overprinting).
- Tiff (CMYK isocoated-V2, reduce to one layer, no alpha channels).
- No working versions, all data ready for printing.

## 2. Colour space:

- CMYK isocoated-V2  
Colour matching with other colour systems (e.g. RAL, NCS®, Pantone, HKS, etc.), as well as with RESOPAL® PLAIN COLOURS (based on the NCS® system), is only possible to a limited extent due to the specified printing process (CMYK).  
Inlays using our PLAIN COLOURS are recommended if colour accuracy is required.

## 3. Size/scale::

- 1:1, 1:2, 1:4, 1:10 (the ratio of width x height must be correct)  
A sufficiently high resolution must be ensured for smaller scales!

## 4. Allowances:

- Cutting allowance of 10 mm (referred to the final size) on all sides.

## 5. Cutting marks/register marks:

- Must be positioned outside the motif.

## 6. Resolution:

- 150 dpi for high-resolution prints. A sufficiently high resolution of 150-300 dpi must be ensured for smaller scales!

## 7. Fonts:

- Converted to paths.

## 8. Images:

- Reduced to one layer (no alpha channels).

## 9. Profiles:

- Embedded with CMYK isocoated-V2!

## 10. Scan:

- Between 100 and 150 dpi referred to the final size.

## 11. Programs (PC and Apple Macintosh):

- QuarkXPress, FreeHand, Adobe Illustrator, Adobe InDesign and Adobe Photoshop (program version subject to enquiry).

## 12. Delivery of data:

- On data medium (CD, DVD) with printout for checking; email to [filetransfer@s-u-p.de](mailto:filetransfer@s-u-p.de); by FTP-Server <ftp://universal-data.de> (password and username on request); [www.dropbox.com](http://www.dropbox.com) or [www.wetransfer.com](http://www.wetransfer.com)



Facade with digitized paintings  
by schoolchildren and nursery school-  
children as MOTIV IN RESOPAL®

# MOTIV IN RESOPAL® – our checklist for you!

- Files correspond to the final size.
- All colours in CMYK isocoated v2.
- Image data with a minimum resolution of 150dpi.
- All fonts converted to paths.
- Required cutting marks are positioned outside the motif.
- Cutting allowance of at least 10 mm on all sides.
- Draft artwork including dimensions is enclosed.