

Guidelines for vector and pixel graphics

The printing process especially designed by 3A Composites for aluminium composite material differs from conventional printing processes. In order to facilitate the planning and realisation of your individual decor kindly ask you to follow the guidelines of this information leaflet.

This will facilitate the production process and minimize the lead-time for your individual design.

Requirements for vector graphics

The advantage of vector data is that it is not made up of a grid of pixels and can be enlarged without loss of quality.

File formats	.ai (Adobe Illustrator) .pdf (Portable document format) .eps (Adobe Illustrator) .dwg (CAD data processing is only possible to very limited extent and each case needs to be considered individually)
Line weights and contour line weights	Positive values 0,17 mm Negative values 0,20 mm Other values are feasible. Please contact us.
Bleed / crop margin	To ensure that the design in the visible area of the printed panel is complete and intact when the panel is bent or folded, 3A Composites uses the outer edges as a bleed for your artwork and positions crop marks, sawing lines or drill holes outside of that margin. Our bleed/crop specifications are 5-10 mm (print dimensions are larger than final format).
Special requirements	Please convert all texts and special characters into "paths".
Max. design length	The length of a design is not relevant for vector data since the maximum length depends on the file size. Maximum file size should not exceed 2 GB.
Max. design width	1500 mm

Requirements for pixel data

Recommended resolution

Depending on the size of the print, the minimum resolution for your graphics and images should be 120 dpi and the maximum resolution 150 dpi.

For small-formats (images), we recommend 300 dpi as a minimum resolution to avoid a loss of quality when the image is enlarged.

In addition, we advise against subsequent image sharpening or converting images to a higher resolution. Image compression, which leads to a loss in quality, should be avoided. Enlarging an image is ideally carried out using LZW compression (data compression algorithm to reduce the data volume without compromising quality e.g. Adobe Photoshop).

As colour space, we recommend the industry standard colour profile "ISO Coated v2.icc" in order to ensure the best possible reproducibility of colour.

File formats

.psd (Adobe Photoshop) | .tiff (Pixel based programs)

After processing artwork on the computer, it is essential that ".jpg" images are saved as ".tiff" or as Photoshop ".psd". In individual cases, ".jpg" files can also be submitted. ".jpg" files must be very thoroughly checked for quality due to the extreme compression of the images.

Max. design lengths

5000 mm without repeat / Max. 2 GB

Max. design width

1500 mm

Do you need more help?

We are happy to answer your questions: design@3AComposites.com

How can you send us your files?

DropBox www.dropbox.com | WeTransfer www.wetransfer.com are the best options for sending us your data.



3A Composites GmbH
Alusingenplatz 1
78224 Singen, Germany
Telefon +49 7731 - 941 30 04
Fax +49 7731 - 941 32 52
display.eu@3AComposites.com
www.display.3AComposites.com