

a) INTRODUCTION

In this document are listed the guidelines useful for a proper dispatch of the images to be used for the production of digitally printed panels.

Abet Laminati technicians are at your disposal in order to find solutions to possible problems.

b) GENERAL REQUIREMENTS

- Dispatch of the images

The images can be sent through:

- ✓ CD or DVD.
- ✓ FTP connection (ask Abet Laminati details useful for the dispatch of the information), informing the sales office via email about the dispatch.

- Programs and extensions

The files need to have the following features:

- ✓ extension .tif, .pdf, .eps, .ai, .jpg.
- ✓ software Photoshop, Illustrator, In Design.
- ✓ if the files are saved in Corel Draw it is necessary to save them in Illustrator (.eps, .ai).
- ✓ DWG (Auto Cad) files will not be developed.

c) FILE FEATURES

- Open files

- ✓ the files can be prepared using any Adobe program - see paragraph "Programs and extension" - and have to be supplied with all the necessary connections: images and font.
- ✓ the images must not be incorporated in the file (in case of Illustrator or In Design usage) and can have any format - see paragraph "Programs and extensions".
- ✓ It is necessary to supply a printed copy of the definitive file in a no smaller format than A3 (without this reference it will not be possible to guarantee the correspondence of colours and font).
- ✓ It is necessary to transform all the colours, the images and the graphics in CMYK.
- ✓ The images need to have a resolution of 150 dpi maximum, scale 1:1; files in lower resolution don't guarantee a satisfactory quality.

- File .pdf

- ✓ it is necessary to transform all the colours, the images and the graphics in CMYK.
- ✓ the black colour has to be prepared if it will be on the top of the graphics, otherwise it will be in overprint and will be transparent.
- ✓ the images need to have a resolution of 150 dpi maximum, scale 1:1; files in lower resolution don't guarantee a satisfactory quality.
- ✓ all the texts have to be transformed in vector images before to produce the .pdf.
- ✓ for complicated drawings (e.g. maps) including many information, the files preferably have to be processed in images, then opened in photoshop and transformed in images, before to produce the .pdf.

- File with particular font

- ✓ for particular font it is necessary to supply the reference file in order to allow the correction of texts, if necessary; in any case, all the texts have to be transformed in vectors. Please, send always a .pdf for the check of the complete work.

- Vectorial files

- ✓ It is necessary to enclose a check file to allow the check of the drawing to be printed.

- Colours references

- ✓ RAL – PANTONE "U" – NSC references (or other colours references), or paper references of the image, will have merely indicative value. The printed colours can not be exactly the same of the colours requested by the customer. In order to realize the requested shade, some colour tests will be planned.



1 SPECIAL COMPOSITIONS OR SUBDIVISION IN PANELS

For drawings that need continuity/subdivision in panels and special compositions (e.g. images assembling), here below are listed the maximum dimensions for the print area:

- Size 24 - maximum print area 240x119 cm
- Size 28 - maximum print area 275x126 cm
- Size 30 - maximum print area 300x126 cm
- Size 42 - maximum print area 415x126 cm
- Size 46 - maximum print area 415x158 cm

For MEG in size 46 it is necessary to prepare a sample and to receive the approval of the customer before to proceed the work.

NOTE: for images with particular dimensions, different from the dimensions listed above, it is necessary to contact Abet Laminati technicians; they will consider each singular case.

2 PARTICULAR INSTRUCTIONS FOR THE POSITIONING OF THE IMAGES

- ✓ if there are cut marks they have to be positioned 5 mm inside or outside of the inked area.
- ✓ for particular compositions, if Abet Laminati is requested to assemble the file, it is necessary to receive from the customer correct instructions for the positioning of the images in the sheet and for the distance between one image and the other.
- ✓ for subdivision in panels of images on a finished product, to have the right continuity between one image and the other it is necessary to know the distance between one panel and the other, the surmount and the necessary overlap in the print area.
- ✓ if the subdivision of the image is requested, where the continuity of the drawing is required Abet Laminati is able to process the graphics realizing a simulation of application to be verified and confirmed together with the customer. The processing and the assembling will have different costs, due to the different kind of manufacturing.

3 SOLID COLOURS

Note: concerning the plain colours, we need to consider the feasibility of the print of each singular case. Not always all the solid colours can be simulated, thus, before to proceed it is necessary to verify with our technicians the feasibility of the project.

4 THICKNESSES AND FINISHES

The Digitalprint refers to a normal HPL laminate, thus can be produced in all the finishes, the thicknesses and the typologies, as per the Abet Laminati catalogue. For more detailed information the customer can refer to the Technical Sheets available in the website: abetlaminati.com

5 LABORATORY SAMPLES

- 1- RECOMMENDED – It is necessary to always supply the files for the printing; Abet Laminati will select a part of them to consider one or a few details of the drawing.
 - 2- The customer, at his discretion, can indicate the area to be used as sample, through a .pdf or a laser print.
 - 3- If the customer supplies only a part of the drawing, it will be at his charge to let Abet Laminati receive the files for the printing with the same features (colours, resolution, etc.).
- Concerning point 3, it will not be possible to compare the sample and the final panel, since the reference file could not be the same; the customer will have to guarantee for the material sent to Abet Laminati.

IMPORTANT

During the development process, the image in the printed paper is parallel to the selvage of the panel, but during the HPL process can suffer a little gap. Thus, also for images with the same dimension and balance on the panel, during the cut it is necessary to work each unit singularly. We have to take into account that it is possible to see a little chromatic difference looking at different realizations of the same drawing; this is due to the diverse materials used and to the production cycle.

ADDITIONAL NOTES

Concerning complex projects, it is necessary to contact the technical department through Abet Laminati Branches, in order to check all the project details. Abet Laminati can provide on demand and with fee a technical support useful to realize the finalizing of the colour, graphics process, assembly, partition of images, chromatic corrections, creation of customized files, images scan.