Technical Specification

Preparing artworks to offset printing

AMK

GROUP PRINTING HOUSE

1. PREPARATION OF THE WORK

The design should be submitted in **CMYK** or **Pantone**.
The format for submitting projects is **PDF**.
The recommended resolution for graphics is **300 dpi**.

The recommended maximum percentage saturation is:
- **300%** for coated papers
- **250%** for uncoated papers
- **230%** for electrostatic foil

We recommend that the project has a properly marked TrimBox and has target format tags.
Each work must have bleeds of **3 mm** on each side.
All small black/gray elements must be prepared in one color, e.g. 100%, 60%, 40%, etc.
Fonts must be included (embedded) in the PDF document or converted to curves
(we recommend converting to curves).

Minimum font size in one colour – **3 points** (**1 mm** height)
Minimum font size in CMYK – **6 points** (**2 mm** height)
We recommend that the elements in contrast on a background of one color be at least **0.2 mm** in size, and the elements in contrast on a CMYK background should be at least **0.25 mm** in size

We recommend that complex projects are prepared in such a way that individual refinements are on separate pages of one file.

2. CATALOGUES

Glued binding - files must be prepared as individual pages in the order taking into account vacancies. The cover file should be sent as a spread, taking into account the thickness of the spine.
Saddle stitch binding - catalog files must be prepared as single pages taking into account vacancies. The number of pages must be divisible by 4.

3. DIE CUTTER

The die cutter must be prepared on a separate layer as an outline (not as an object) described with an additional colour (spot) and have an overprint attribute.

4. HOT-STAMPING

It must be prepared as a vector object and have a special colour (**100%**)
The spacing between hot-stamping elements must not be less than **0.35 mm**.
The smallest hot-stamping elements must not be thinner than **0.5 mm** (this value can be higher on different raw materials).
The smallest elements of hot-stamping in contrast must not be thinner than **1 mm**.

5. EMBOSSING

It must be prepared as a vector object and have a special colour (**100%**) The spacing between the embossing elements should not be less than **0.5 mm**.
The smallest embossing elements should not be thinner than **1 mm** in contrast.

6. UV VARNISH

It should be prepared as a special object and have a special colour (**100%**). It is allowed to prepare UV varnish in a bitmap with a resolution of **300DPI**. – this solution is not recommended for small elements.
The smallest elements should not be thinner than **0.4 mm**.
The spacing between the elements should not be less than **0.5 mm**.
3D UV varnish (swelling) should be withdrawn from the creasing and cutting line.

7. WHITE printing

We recommend that WHITE be placed on the top layer as a vector object and have a special colour.
White must be displayed in any colour, e.g. Cyan 30%. It cannot have zero representation.
The white can have a uniform **100%** filling.
It is also possible to perform tonal transitions in the range of 0% - 100%.