Image File Guidelines

File Types and Formats

Zahner ImageWall requires raster image file types and can accept .bmp, .gif, .jpeg, and .png formats.

Resolution

For very large projects (e.g. a facade), a minimum of one pixel per inch (ppi) of project scope is recommended. For example, a 900' x 60' facade would require an input image file with a minimum resolution of 10,800 x 720 pixels.

For smaller projects, or instances where maintaining the fidelity of the image is critical, a minimum of 2 pixels per inch of project scope is recommended. For example, a 10' x 30' feature wall would require an input image file with a minimum resolution of 240 x 720 pixels.

Aspect Ratio

The aspect ratio of the image file should always match the aspect ratio of the project scope. For example, in a project scope of 40' x 20', the aspect ratio would be 2:1 (40/20=2), therefore aspect ratio of the image file should also be 2:1. In this case, acceptable file dimensions would be 960 x 480 pixels (2 ppi) or 1920 x 960 pixels (4 ppi).

Image files should be built to match the project scope exactly and should not include elements commonly used in artwork for print media, such as additional art for bleed, or subtractions for margins.

Color

Grayscale image files are recommended, as they best approximate the resulting ImageWall product.

Detail

When possible, avoid the inclusion of very fine detail that cannot be represented by a ½" grid. For example, if an area is intended to read as shadow, the shadow are should not be composed of cross-hatch lines and should be replaced with a constant shading. See "Use of Blurring" below for recommendations on image file manipulation where fine detail needs to be replaced with a more gradual shading effect.

Text

Text should be sufficiently large to be defined by a ½" grid size. Text that is too small may not be legible in the resulting ImageWall product.

Use of Blurring

Blurring of an image, or of specific details within an image, can reduce high contrast boundaries that may not translate to the ImageWall product. Fine detail should be blurred, or overlaid with a shade, to produce better results.