





Table of Contents

System Overview	Page 2 Overview
Design with Pixels	3 Selecting Image4 Canvas and Panel Size
	5 Panel Layout
	6 Resolution
	7 Budget Guidelines
	8 Check Sheet
	9 Lighting
Specify Pixels	12 Application Guide Specifications Shipment and Installation
For More Information	Website cgcinc.com

System Overview

Metal Panels	• Aluminum						
	HRC (High Recycled Content) up to 90%						
	• Panz®						
	• Celebration [™]						
	• Curvatura™						
Materials	Aluminum panels						
	Acoustical backer						
Suspension System	FINELINE [®] (for Celebration and FL edge Panz panels)						
Suspension System	CENTRICITEE TM (for Panz lay-in or FL edge panels)						
	• Wall-mounted (for Celebration panels)						
	• Wait-Inounted (for Celebration pariets)						
Lighting	Metal panels can be backlit or up-lit						
	Backer material can be black or white						
	Image can be a positive or negative, negative for backlighting						
	Open area of perforations typically do not exceed 15% (not for general illumination)						
Design Process	Determine application						
	Select image						
	Select application system (wall, ceiling, curved)						
	Submit graphic to falnakkar@cgcinc.com						
	Complete and submit project details on check sheet						
	Scaled images will be returned via email to its originator for approval						

Step 1: Select Image CGC's Ceilings Solutions Group will help you qualify your image or art during the design process. It starts with your selection of a photo, logo, or black and white art of your design.

- Typically, a higher contrast image will produce better results, but not always. See examples that follow.
- Select a photo from thinkstockphotos.com or provide your own image (logos, artwork, graphic) (300dpi minimum) (TIF, JPG and PDFs are acceptable).
- For custom images (not from thinkstockphotos.com), an image release statement must be completed.
- The selected image will be transformed into a perf pattern (areas of photograph are sampled for contrast and assigned a perforation diameter).
- Negative or positive. CGC can provide a negative or positive of the selected image. A negative image is where the light part of image is perforated. This is typically used for backlighting where the image will become positive. (See images below).



Step 2: Determine Canvas Size and Panel Size

Exterior Installation

uide		
9	 Images can be displayed on a single panel or as a r See examples below of how the image can be spre Individual panel size options (2'x2', 2'x4', 2'x6'). 	
	Panel Configuration: Ceiling • Celebration • Panz (FL or SQ) • Curvatura Walls • Celebration	
Examples	4'x4' canvas (2'x2' panels)	6'x12' canvas (2'x2' panels)
	PixeLs can be used on protected exterior soffits with C Panel sizes can be 2'x2', 2'x4' or 2'x6'. Acoustical b	ELEBRATION panels and DXFEV FINELINE SUSPENSION SYSTEM. acker is not recommended for exterior use.

Step 3: Determine Panel Layout Layouts represent patterns only. Final canvas and total ceiling/wall size is up to the designer. No limit to image or canvas size.

2'x2' Squares



2'x4' Horizontal*



2'x4' Ashlar*

2'x4' Vertical*



2'x6' Horizontal

2'x6' Vertical

*Note: 2'x4' not available for Curvatura

Step 4: Determine Resolution

- The dynamic effect of the eye and brain creating the image at different distances with different hole sizes and hole densities.
- Three choices for perforation fidelity.



Medium Resolution



High Resolution



Perforation Pattern Orientation

Square:

Centerline of holes run 90° to panel sides



Oblique:

Centerline of holes run 60° to panel sides



See cgcinc.com/pixels for full-size downloadable and printable images.

Design Considerations— Aesthetics and Budget

PIXELS gives you the opportunity to design and choose between higher HI \$\$ \$\$\$ resolution images and lower resolution images either for artistic RESOLUTION Wed considerations or to reduce cost. As resolution is increased, more perforations are required to create the image. Thus, higher resolution costs more than lower resolution. As well, if an image only takes up part of the canvas, the entire surface has a smaller percentage of perforations — also reducing costs. LOW \$\$ < 50% > 50% **COVERAGE OF CANVAS** Low Resolution Greater than 50% coverage Less than 50% coverage **Medium Resolution** Greater than 50% coverage Less than 50% coverage **High Resolution** Greater than 50% coverage Less than 50% coverage

Step 5: Determine Image Evaluation Submit Check Sheet for Image Evaluation

Contact Info Image or Art Information Size Product Type Panel Layout Perforation Resolution Design Revie Special Instr	work	complete the following and send to Name Company of firm name Phone Contact e-mail Project name Project name Project name Photograph file / Graphic file elie name Attach image to e-mail • Attach image to e-mail • Attach image Release Statement Thirkstockphotos.com Image Numbe Ceiling Vial Curved (CURVATURA ^M applications) Canvas size (total area the image will resi Relative image size within the canvas size Relative image State CELEBNATION ^M PAKZ [®] FL	r ft x.		IC.COM. See Pixels	Please check approp Design Guide for assist	
Image or Art Information Application Size Product Type Panel Layout Perforation Resolution Orientation Backer Optio Design Revice	work	Name	r de)ft x,				
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Product Type Panel Layout Perforation Resolution Orientation Backer Optio		Relative image size within the canvas size CELEBRATION TM PANZ [®] FL	ft x				
Panel Layout Perforation Resolution Orientation Backer Optio Design Revie		PANZ [®] FL	Panel Size				
Perforation Resolution Orientation Backer Optio Design Revie							
Perforation Resolution Orientation Backer Optio Design Revie		PANZ [®] SQ			2'x4' * 2'x6'		
Perforation Resolution Orientation Backer Optio Design Revie		CURVATURA					
Resolution Orientation Backer Optio Design Revie	S	2'x2' Squares 2'x4' Ashlar (alternating) rectangles*			2'x4' Horizontal rectan; 2'x4' Vertical rectangle		
Resolution Orientation Backer Optio Design Revie		2'x6' Horizontal rectangles 2'x6' Vertical rectangles			2'x6' Ashlar (alternatin)		
Orientation Backer Optio Design Revie	rendering						
Backer Optio Design Revie		Low Med	Image Type		Negative Positive		
Backer Optio Design Revie		High					
Design Revie		Square (90°)			Oblique (60°)		
Design Revie	n	■ Black ACOUSTIBOND [™] backer	Panel Colo	r 🗆 F	Flat White	Metallic Oyster	
	-	White ACOUSTIBOND [™] backer			Silver Satin	Cherry	
		No backer			Metallic Copper Metallic Gold	Maple Oak	
	w Process	After the PIXELS check sheet has been pro	cessed the follow	/ing wil	II be emailed back to it:	s originator.	
Special Instr		 A 36"x42" print that shows the image b A full scale section for a highlighted are 	roken down into i	its pane	el sizes. This is suitable	e for printing on a full-sized p	
Special Instr		- The CGC Ceilings Solutions Group will r					
	uctions						
		NOTE: CGC Inc. reserves the right	t to refuse a P	IXELS	order request sho	uld CGC deem an	
		image to be inappropriate. * Not available in CURIVATURA.					
CCC A USE COMPANY		CGC Inc.					IC565/10-1 © 2010, C

Design Review Process

After the Pixels check sheet has been processed the following will be emailed back to its originator.

- A 36"x42" print that shows the image broken down into its panel sizes. This is suitable for printing on a full-sized plotter.

- A full scale section for a highlighted area to show perf resolution and pattern. This is also suitable for printing on a

full-sized plotter.

- The CGC Ceilings Solutions Group will retain these files by job name for reference and approval at the time of an order.

Lighting

Fluorescent Strip Fixtures

Fluorescent fixtures with no reflector provide non-directional illumination in space. Use of fixtures with a reflector directs light downward and reduces upward spill light.



Point Source Incandescent or Halogen Fixtures

Where Acoustibond backer is not selected, the perforation pattern can be projected on walls and floors of the space. White Acoustibond backer will diffuse light to create an even glow.



Lighting

LED Light Sources—Single or Programmable

Programmable LEDs add an additional level of interest by allowing the opportunity to project the perforation pattern with changing colours.



Consult a lighting consultant for specific recommendations.

Specification	For PixeLs specification refer to the particular system application. Ceiling • CeLEBRATION • PANZ (FL or SQ) • CURVATURA Walls • CELEBRATION
Shipment and Installation	Prior to manufacturing, your PxeLs ceiling or wall will be presented to the contractor for final approval. The entire canvas with specified imagery will be shipped with pre-numbered panels and accompanying shop drawings for proper and easy installation.
	The following are trademarks of CCC Interiors, Inc. Safety Einst Follow good safety/industrial bygione practices IC566/10.10

