



## ZOOM DIGITAL DARKROOM

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GLOSSARY

### ZOOM IMAGES

**ZOOM IMAGE** Zoom images are large-scale, super-high-resolution photographic images created specifically for use as graphic interlayers in our ViviSpectra Glass. Using sophisticated gigapixel image capturing equipment, Zoom images are the result of thousands of photographs that are stitched and stacked together to form a single large-scale, super-high-resolution image.

Unlike custom or stock photography, which is often too small for large-scale architectural glass applications, Zoom images have the size and resolution to retain their quality and clarity at extremely large sizes.

Because of their size and scale, Zoom images afford tremendous customization potential. Designers can select specific areas within a full-size photo; use an image at its literal scale; or zoom into an image to discover art within the bigger picture. With the Zoom Digital Darkroom, users can create a truly personalized view from a single Zoom image.

**ZOOM IMAGE LIBRARY** Our growing collection of Zoom images. Accessible through the Zoom Digital Darkroom, our Zoom Image Library includes literal and abstract scenes that range from sweeping panoramic vistas, to dramatic seascapes, forests and mountain ranges, to intriguing close-ups of the world around us.

**GIGAPIXEL PHOTOGRAPHY** A gigapixel image is a digital image bitmap composed of one billion pixels, which is 1,000 times the information captured by a 1 megapixel digital camera. Created using a variety of gigapixel camera technologies, gigapixel images are extremely large, super-high-resolution photographs with vast design possibilities for large-scale architectural applications.

### ZOOM DIGITAL DARKROOM

**ZOOM DIGITAL DARKROOM** Part interactive design studio, part curated photo library, the Zoom Digital Darkroom gives registered users access to our Zoom Image Library and provides the design tools they need to get creative with Zoom images.

From within the Zoom Digital Darkroom, registered users can browse the Zoom Image Library, choose Zoom image(s); select specific areas within a full-size photo to use in their Zoom design; zoom in or out of an image to capture more detailed perspectives; rotate their image; and use the design tools to create unique interpretations of the original scene.

Registered users can also save and download their work, manage projects, and request budget pricing – all from within the Zoom Digital Darkroom. There's no need for outside photographers, graphic artists, or other resources, and no need for separate programs like PhotoShop. With the Zoom Digital Darkroom, users can simply focus on the creative process.

**ZOOM PROJECT** You must be a registered Zoom Digital Darkroom user to create a Zoom project. Once you're logged in, you can create a project from your user account page. Within a Zoom project you can create one or multiple Zoom designs. You can continue adding and modifying designs until you submit a request for budget pricing. Once this is done, your project is closed and can no longer be modified. Note that you can request budget pricing for projects only, not for individual Zoom designs within a project.

**ZOOM DESIGN** A Zoom design is automatically created once you begin a new Zoom project. Within a single project, you can create one or multiple Zoom designs. Your design holds a temporary name that can be edited at any time—a helpful way to keep track of individual designs within a given project. As you build your Zoom design, your progress will automatically be saved.

**ZOOM ELEMENT** Zoom elements are the individual modules that make up your Zoom design. A design can consist of one or multiple elements. An element can be empty or filled with a saved image – the term is the same for both. Once you're logged in, you can begin creating elements for your Zoom design. During the design process, you'll be able to define element dimensions, assign images from the Zoom Image Library, and modify your images and elements using the application's design tools.



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### ZOOM DIGITAL DARKROOM (Continued)

**APPLICATION** The term ‘Application’ generally refers to the end-use for your Zoom design glass—for example, on a wall, in an elevator interior, with LightPlane Panels, or as glass lites. The application type frequently determines other glass-related features, including the glass configuration.

**MAXIMUM GLASS PRODUCTION SIZE** Based on our production capabilities, the maximum size for a single lite of glass is 60” x 120”. In the Zoom Digital Darkroom, if you enter dimensions greater than these when creating Zoom elements, you’ll receive an alert and may need to revise your dimensions.

**MAXIMUM IMAGE SIZE** The largest a Zoom image can be used at its full resolution (300dpi or 150dpi). While each Zoom image has its own unique dimensions, maximum image sizes are clearly indicated for each image in the Zoom Image Library.

**PANEL REVEAL** The standard 0.375” spacing (horizontally and vertically) between panels in our LEVELe Wall Cladding and Elevator Interior Systems. Reveal dimension might be a consideration in your Zoom design.

**REGISTERED USER** You must be a registered user to access the full functionality of the Zoom Digital Darkroom. Registration is fast, easy and secure.

## VIVIDGLASS

**VIVIDGLASS** Our line of laminated architectural glass. Offering unrivaled creative freedom for indoors or out, the five families within the group are broadly defined by their visual characteristics: ViviChrome emphasizes solid color; ViviGraphix adds graphics; ViviSpectra incorporates continuous tone color imagery; ViviStone unites the beauty of stone with the convenience of glass; and ViviStrata features precisely etched designs that play with light. [Learn more.](#)

**VIVISPECTRA GLASS** Within our VividGlass line, the ViviSpectra family incorporates photography and other continuous tone color imagery and consists of four distinct groups with astounding graphic potential: Elements patterns draw from nature; Spectrum incorporates continuous tone imagery; VEKTR incorporates VEKTR Canvases; and Zoom incorporates Zoom images. [Learn more.](#)

**VIVISPECTRA ZOOM GLASS** Zoom is a member of our ViviSpectra glass family. Zoom architectural glass incorporates Zoom Images. Zoom glass is available in single- and double-sided configurations and can be used in design. [Learn more.](#)

**GRAPHIC INTERLAYER** Graphic interlayers bring the visual excitement to our laminated glass. From solid colors to vibrant patterns to continuous tone photography, interlayer options vary per VividGlass family. Across families, a wide range of standard options, as well as tremendous customization potential, add up to virtually endless design possibilities.

**GLASS CONFIGURATION** Glass configuration refers to the amount of light transmitted—or not—through the glass. To a large extent, the end-use for your glass will determine the glass configuration.

### TWO STANDARD CONFIGURATIONS OPTIONS EXIST FOR VIVISPECTRA GLASS:

**REFLECT CONFIGURATION** Reflect is a single-sided glass configuration comprised of a graphic interlayer laminated between a transparent lite of glass and a reflective glass backer. Reflect is intended for non-illuminated applications where the glass will be used against a solid surface—in walls or in elevator interiors, for example.

**VIEW CONFIGURATION** View is a double- or single-sided glass configuration comprised of a graphic interlayer laminated between two transparent lites of glass. Double-sided View is used when the glass will be seen from both sides—for example, in doors, partitions, or room dividers. Single-sided View is for glass that will be used against a solid surface and have custom backlighting or other custom illumination.



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VIVIDGLASS (Continued)

**GLASS FINISH** Finishes define the surface appearance of ViviSpectra glass. The different options vary in levels of light diffusion, reflectivity, glare and optical distortion, and provide unique solutions for the needs of each individual project.

**PEARLEX+ FINISH** Pearlex+ is a lightly textured, non-reflective, non-distortive surface that creates a minimal amount of diffusion and is fingerprint-resistant.

**STANDARD FINISH** Standard is reflective and non-distortive

### RELATED F+S PRODUCTS

**LIGHTPLANE PANELS** LightPlane Panels are remarkably thin, edge-lit LED panels that allow seamless illumination of walls, columns, elevator interiors, and standalone panels and displays. LightPlane Panels combine our cutting-edge light technology, our VividGlass line of architectural glass, and a highly engineered framing system to create illuminated panels that provide uniform light output, energy efficiency, and the unparalleled performance of Cree® LEDs.

LightPlane Panels can incorporate ViviSpectra glass with Zoom images, and integrate with many of our Systems products, including LEVELe Wall Cladding and Column Systems and LEVELe Elevator Interiors. LightPlane Panels can also be specified as standalone panels. [Learn more.](#)

**LEVELe SYSTEM** LEVELe is a versatile panelized system based on self-revealing extrusion channels, aluminum-framed panels with lightweight structural backing, and extensive material options, including LightPlane Panels and ViviSpectra glass with Zoom images. The LEVELe System makes it easy to carry cohesive design and material themes across applications:

**LEVELe WALL CLADDING SYSTEM** The LEVELe Wall Cladding System blends remarkable design flexibility with the convenience of a panelized system. Standard system components eliminate the need for custom solutions and readily resolve typical trim and installation challenges. [Learn more.](#)

**LEVELe ELEVATOR INTERIORS** Offered in eight configurations defined by wall panel shape and layout, LEVELe Elevator Interiors are ideal for new or modernization projects and suit all typical cab sizes and door configurations. [Learn more.](#)

**LEVELe COLUMN SYSTEM** The LEVELe Column System is appropriate for square and rectangular column shapes. [Learn more.](#)

**SURFACES PRODUCTS** Our Surfaces are the basis for unlimited creative expression. As diverse as the applications for which they are used, our Surfaces offer hundreds of material, finish and pattern combinations that can be used in our Systems products or as sheet goods for custom applications. In addition to VividGlass, our Surfaces line includes Stainless Steel, Fused Metal, Bonded Metal, Bonded Quartz and Wood Veneer. [Learn more.](#)

**SYSTEMS PRODUCTS** Our Systems provide a framework for our Surfaces. Designed to balance the convenience of standardized systems with impressive design flexibility, our Systems allow you to move easily from design concept to installed reality. Currently, our Systems products include wall and column cladding, LightPlane Panels, elevator interiors and doors, doors and door pulls, railings, and information displays. [Learn more.](#)

**INTERACTIVE DESIGN TOOLS** In addition to our extensive line-up of Surfaces, and the Systems we've designed to accommodate them, our interactive Design Tools make it even easier for you to work with our products and bring your creative vision to life. Each application in this growing collection blends sophisticated design functionality with an intuitive easy-to-use interface.

Housed on our website, you'll find three configuration tools—the VEKTR Digital Canvas, Zoom Digital Darkroom, Elevator Design Studio, and Virtual Quarry—and our Augmented Reality app, a great way to visualize our most popular products in the setting of your choice. [Learn more.](#)