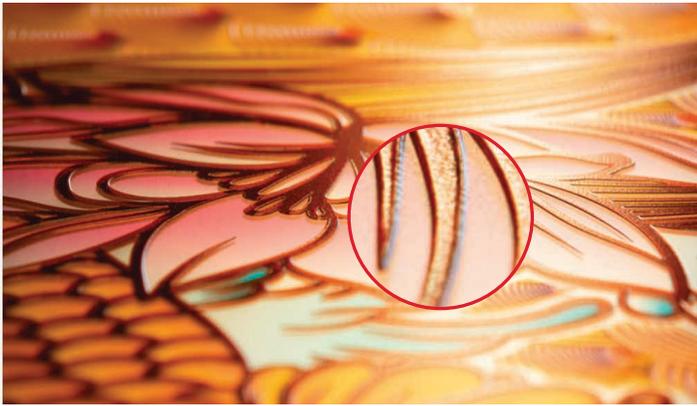# PRISMAelevate XL

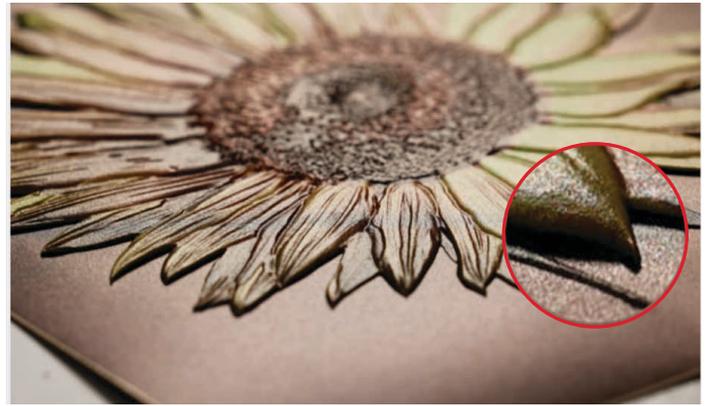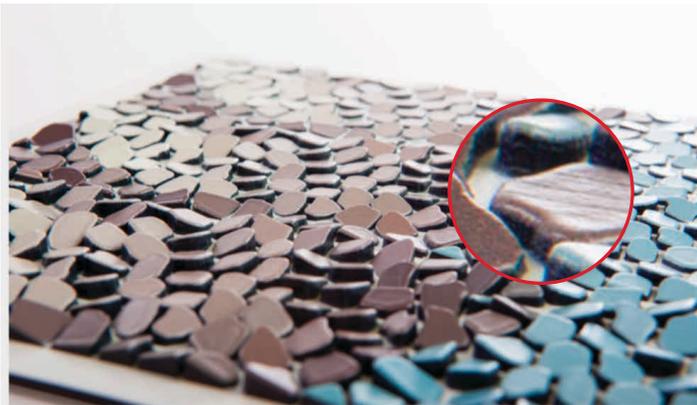**New Dimensions Beyond Imagination**

Watch the Video

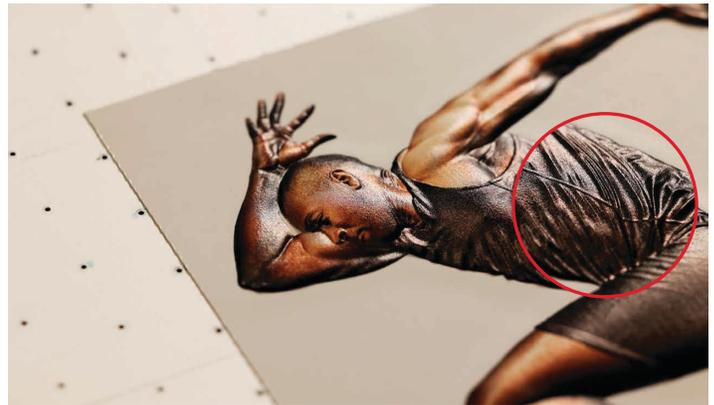# CREATE STUNNING ELEVATED PRINTS

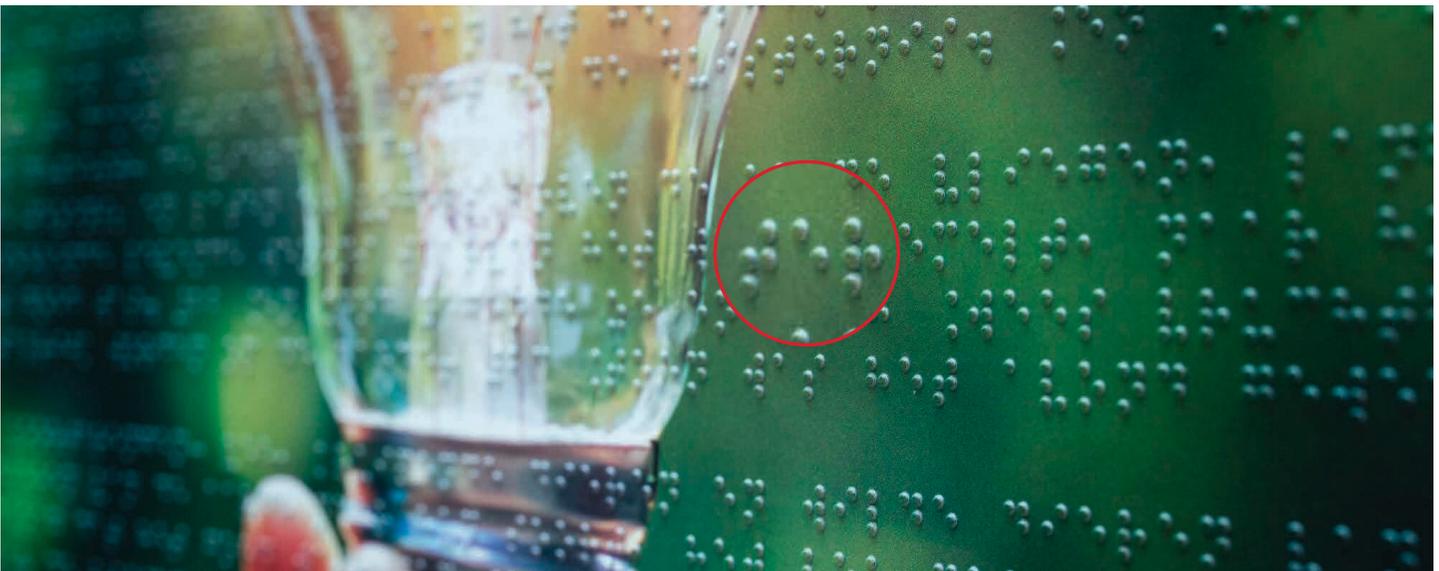The Brila Print Layout creates a metallic effect when printing on reflective media

Sunflower with metallic bronze appearance

Raised pebble texture

Runner with metallic bronze appearance
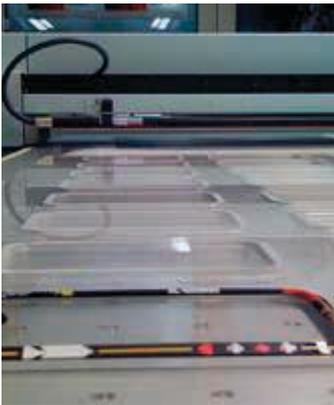

Tactile Signage

ENTER NEW MARKET SEGMENTS

PRISMAelevate XL is an integrated software solution for compatible Arizona printers that prints up to 4mm and delivers eye-catching elevated prints that—quite literally—stand out. Create unique textures, low relief, metallic accents with embossing, raised lettering for Tactile or Wayfinding signage, as well as textured fine art reproductions, high-value interior décor and signage. Give elevated print yet another dimension with rigid substrates like aluminum composite and foil faced boards. The possibilities are astounding!
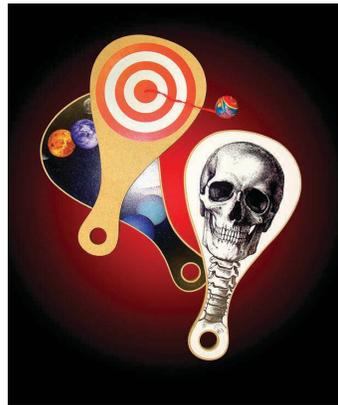
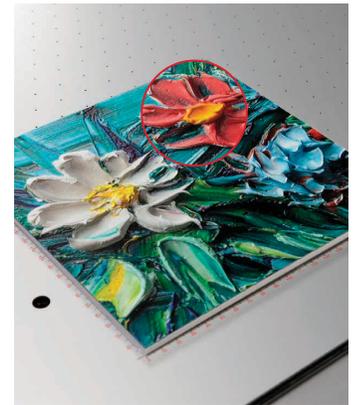

Printed faux brick

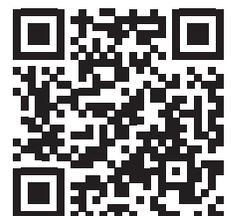Stained glass effect for storefront

Merchandising: custom phone cases, games, and giveaways

Fine Art reproduction

Watch PRISMAelevate XL reproduce a large wallcovering of Vermeer's Girl with the Pearl Earring for the Mauritshuis Museum exhibit.

FROM FLAT TO EXPRESSIVE: HEIGHTIQ UNLOCKS TEXTURED CREATIVITY

What once took designers up to 10 hours in Photoshop can now be completed in less than 30 minutes with HeightIQ. By intelligently analyzing light, contrast, and shape, HeightIQ transforms 2D images into grayscale maps that represent height through the darkest areas of the image. Seamlessly integrated with PRISMAelevate XL and Canon Arizona printers, this powerful tool opens new creative possibilities—enabling textures, embossing, and tactile effects with greater speed, simplicity, and accessibility than ever before.

INTELLIGENCE THAT ELEVATES

Start your elevation journey using the *Grayscale output* in Adobe Photoshop and PRISMAelevate XL. Select an image with medium to dark contrast—ideal for generating depth and varied ink heights on Canon Arizona printers. HeightIQ's *Tiling Settings* allow you to produce multiple textured variations of your image at once, giving designers and PSPs a wide range of options to choose from. Available tiling configurations include:
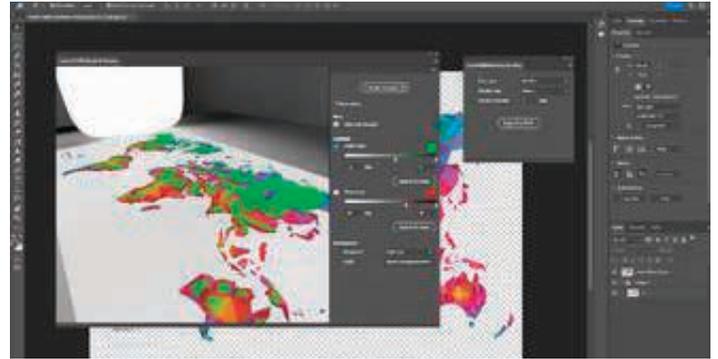
- **1 x 1 (None)**
- **2 x 2**
- **4 x 4**
- **8 x 8**
- **Or a combination of all**

Once your preferred texture is selected, you can fine-tune foreground and background contrast manually for optimal results.

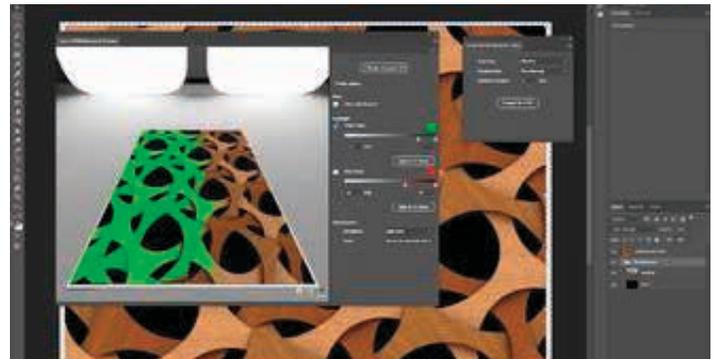# FOR GRAPHIC AND INDUSTRIAL DESIGNERS, PSPS, AND SIGN-MAKERS

An Advanced Software with Intelligent Automation Features

PRISMAelevate XL streamlines pre-press operations by minimizing repetitive and costly tasks, empowering PSPs to achieve accurate output on the first print.

Clear Conceptualization – Less Waste

PRISMAelevate XL users can easily create files with highly accurate 3D previews of dimensional effects. Potential adjustments can be identified quickly without the need for costly test prints. Operators can simply RIP with ONYX Thrive for multi-layering printing on compatible Arizona flatbed printers.
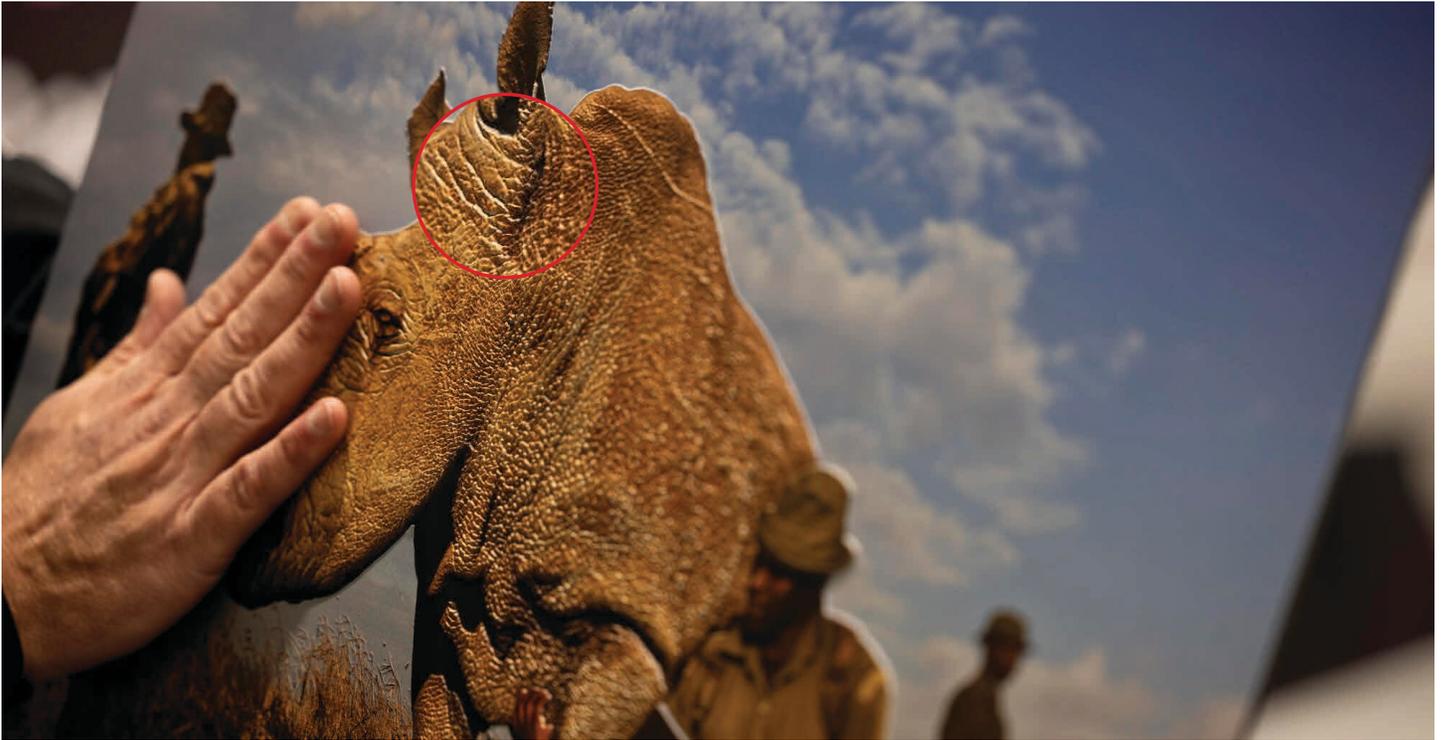

Image Flip

Elevated Image Flip script is an action programmed in Adobe Photoshop to create an Image Flip application with a height of 1 – 1.5 mm. This creates a type of lenticular effect, but without the use of lenticular/ lenses material.
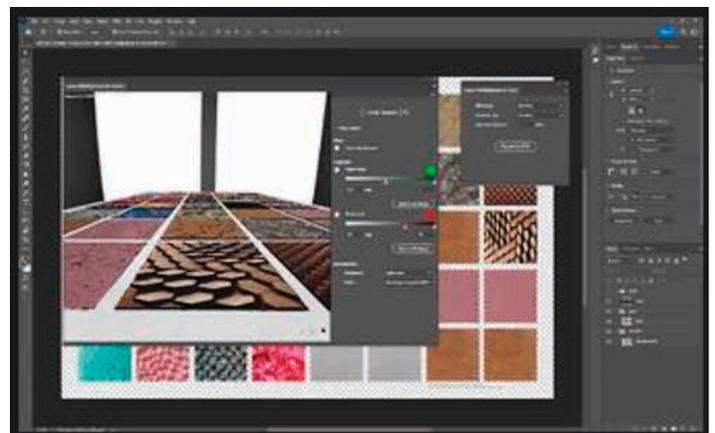
TURN CREATIVITY INTO REALITY

Advanced Ink Technology for a Durable End Product

Advanced third-generation VariaDot printing technology is designed to give consistent, outstanding color for excellent tonality and subtle, accurate elevation from the first to the last print, enabling you to print right the first time. Canon UV curable inks have been awarded the UL GREENGUARD Gold certificate for safe use in sensitive environments like hospitals, schools, and public spaces.
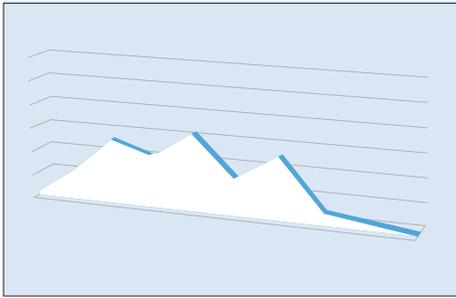

Advanced Layering

Using patented Advanced Layer Printing System (ALPS) technology with the Arizona 1300 series and Arizona 2300 series, PRISMAelevate XL enables you to print the correct layers of ink assuring stunning raised and tactile elements. Various print mode options enable you to print different textured surfaces with variable thickness and varnish effects.

Alto and Alto-Plus features print layout checks to help improve workflow.
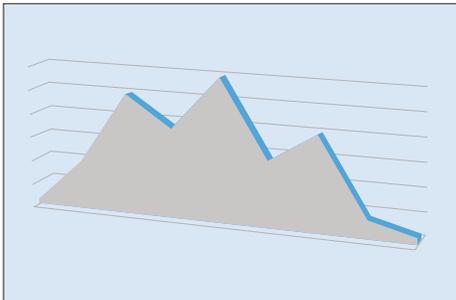
INTELLIGENT LAYERING

PRISMAelevate XL – Alto
Create textured surfaces
- Opaque Elevation + color
- Textured printing: up to 1 mm
- 36 layers maximum
- Build elevation with all colors or white only
- On Arizona printers with varnish capabilities, varnish can be used as a protective layer to increase print flexibility or optimize color
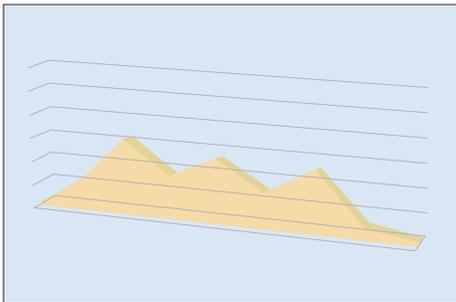
PRISMAelevate XL – Alto-Plus*
Increased thickness textured surfaces
- Opaque Elevation + color
- Textured printing: up to 4 mm
- 100 Layers maximum
- Layers of dark ink
- Mold mode for increased speed
- On Arizona printers with varnish capabilities, varnish can be used as a protective layer to increase print flexibility or optimize color

Spot varnish with Alto-Plus is not possible on v2.1

PRISMAelevate XL – Brila
Create varnish effects on top
- Transparent Elevation: up to 1 mm
- 18 layers maximum
- Varnish on top of the color image layer
- Optional white undercoat
- Metallic effects when printed on reflective media such as foil

Supported Arizona series UV-LED printers
- Arizona printer series | ONYX Thrive support only
- Arizona 1300 series – IJC357 & IJC358 ink sets
- Arizona 1300 FLOW series – IJC357 & IJC358 ink sets*
- Arizona 2300 FLOW series – IJC357 & IJC358 ink sets*
- Arizona 1200 series – IJC257 ink set (only supporting Brila and Alto functionality)
- Arizona 2200 series – IJC257 ink set (only supporting Brila and Alto functionality)
- Excluded: 4-channel Arizona printers; the presence of White ink is mandatory for PRISMAelevate XL support

For best results, on the Arizona1300/2300 FLOW Series printers install PRISMAelevate 2.2 or higher.

Canon

usa.canon.com/largeformat