

# Fabrication

Let us take your project from panel to perfection. From complex projects to simple finishing details, our services include joining and seaming, custom and standard forming, edge detailing, etching and custom CNC cutting.

## Edge Detail & Finishing

Utilize eased or chamfered edges, or even put a radius on the panel. Find the ideal finish for your edges, including sanded, flame-polished, or solvent edge.



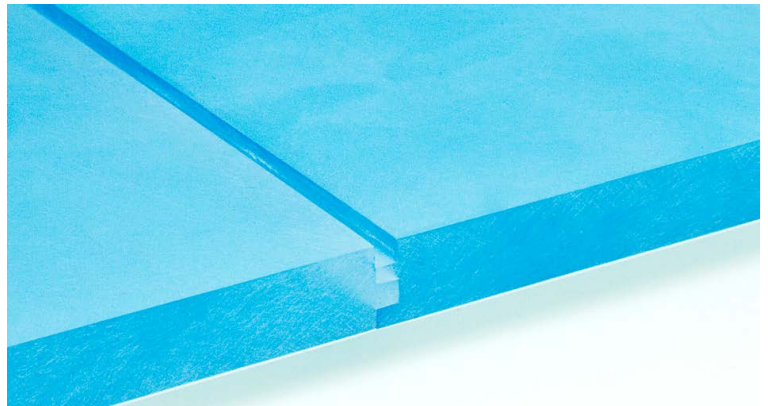
## Standard & Custom Forming

Formed resin panels are perfect as decorative cladding for walls and ceilings or podiums; or for use as a sculptural element in any space. Luxface offers a number of standard complex curves, as well as completely custom solutions.



## Flat & Angled Seams

Choose from tongue-and-groove, wavy, miter or spline joints. Our experts can help you determine the best joinery for your application and material selection.



## Etching

Etch lettering or a logo into the surface of your material to combine the usefulness of signage with the colorful luminosity of our resins to make a memorable impression. CNC etching and sandblasting create a beautiful frosted look.



# Specification

## Environment Graphics

### Frost Cut



Frost Cut has a durable matte finished edge. This surface is consistent from part to part and is resistant to fingerprints.

#### Capabilities

Specify nearly any 2D shape, slots, radii, and holes in most materials with a tolerance of 0.03". Standard Luxface lead times apply.

#### MATERIAL SPECIFIC CAPABILITIES

##### Luxtone and Luxtone XT

- any gauge
- 4' x 8' or 4'x9.5' sheet capacity for cutting
- virtually any shape, tight tolerances and radii
- can be specified with PANTONE colors

##### Luxform

- any gauge
- 4' x 8' or 4'x9.5' sheet capacity for cutting
- virtually any shape, tight tolerances and radii
- can be specified with all Luxform patterns.

### Polished Cut



Polished Cut has a smooth high-gloss edge. The edge finish is consistent from part to part. Polished Cut is a very cost effective way to cut and polish shapes.

### **Capabilities**

Specify nearly any 2D shape, slots, radii, and holes in most materials with a tolerance of 0.03". Standard Luxface lead times apply.

### MATERIAL SPECIFIC CAPABILITIES

#### **Luxtone**

- up to 1/2" gauge
- 48" x 96" sheet capacity for cutting
- virtually any 2D geometry
- can be specified with PANTONE colors

#### **Luxform**

- up to 1/4" gauge
- 48" x 96" sheet capacity for cutting
- virtually any 2D geometry

## Laser Etch



Specify Laser Etch to engrave smooth graphics at ten thousandths of an inch depth.

### MATERIAL SPECIFIC CAPABILITIES

#### **Luxtone**

- any gauge
- 44" x 48" sheet capacity for etching area
- virtually any 2D geometry
- can be specified with PANTONE colors

# Luxform Fabrication

## Edge Finishing

For installations where panel edges are exposed, upgrade from the standard saw cut edge finish. Several edge finishing options for Luxform are available.



**Saw Cut** - Standard edge finish

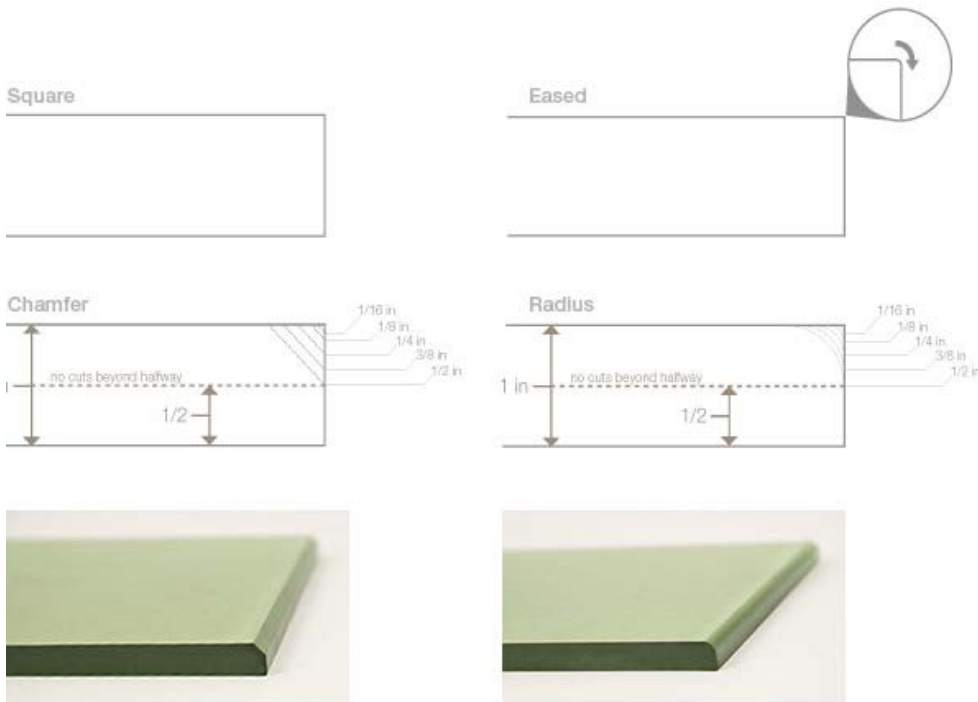
**Sanded Edge Finish** - 400 grit sand paper provides a consistent, brushed look.

**Flame Polished Edge Finish** - Sanded finish plus a flame-applied glass-look finish.

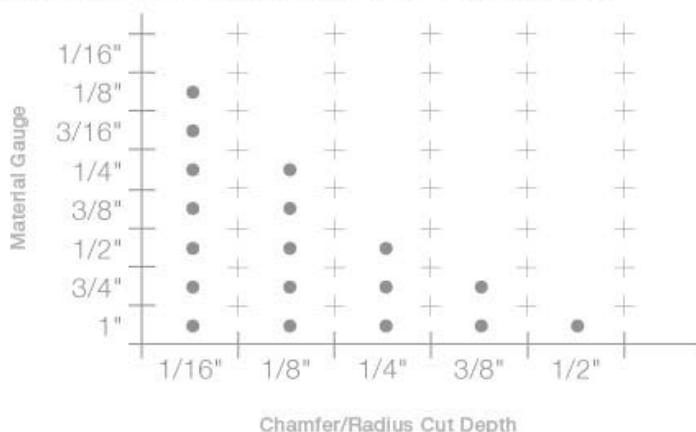
**Solvent Finish** - A solvent-applied finish that creates a satin appearance.

## Edge Details

When using Luxform in horizontal surfaces like table tops or bar tops, or in vertical solutions such as unframed doors, consider Luxform's edge detail options.

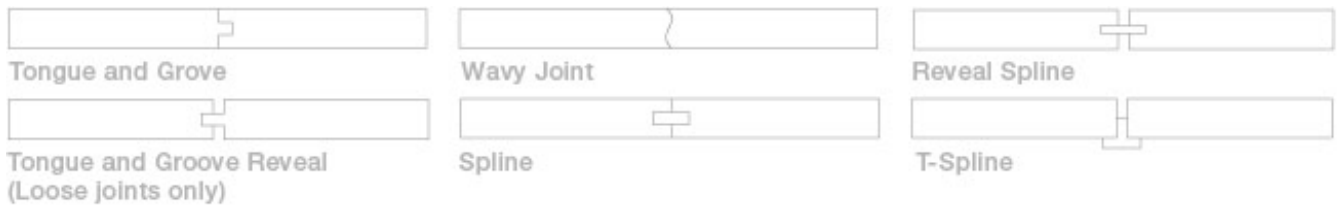


Chamfer/Radius Cut Depth Availability by Product Material Gauge



# Flat Seams

In an installation where multiple panels need to be pieced together to form larger panels, choose from several flat seaming options for Luxform panels.



**Tongue and Groove Seam / Tongue and Groove Reveal Seam** - Offers the strongest structural support.

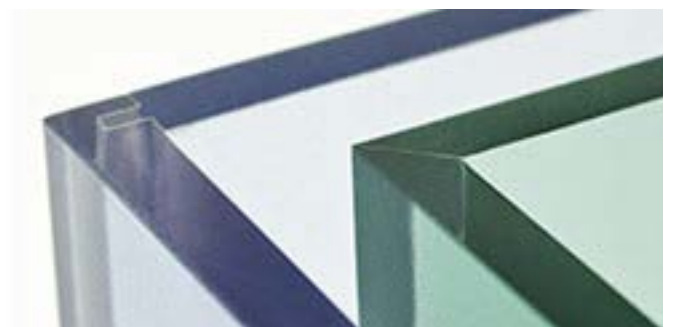
**Wavy Bit Joint** - Offers a clean aesthetic with minimal visibility. The wavy joint is frequently used with factory adhesive seaming to create a structurally sound 8x8 panel out of two 4x8 panels.

**Spline Joint** – Use this for neutral light colors (especially white) with radius panels.



# Angled Seams

Luxface Fabrication offers two standard angled seams for box-like applications such as light boxes, showcase boxes, planters, countertop dropdown ledges and aprons, and return-to-wall panels.



# Forming

Luxform is ready to be formed to meet your design needs. Formed Luxform is perfect as decorative cladding for walls and ceilings or podiums. Formed Luxform is a perfect sculptural element in any space. Luxface offers a number of standard complex curves.

### Continuous Pattern



### Sculptural Forms



### Twists



Luxface Luxform can also be formed or shaped in almost limitless custom variations to realize your specific vision.



## Luxtone Fabrication

### Edge Finishing

For installations where panel edges are exposed, upgrade from the standard saw cut edge finish. Several edge finishing options for Luxtone are available.



**Eased Edge** - A soft, very subtle bevel.

**Chamfer Edge** - For a distinct design choice.

**Radius Edge** - For a smooth, rounded edge.

\*All Luxtone panels come standard with square/sharp edges

## Structural Seams

In an installation where multiple panels need to be pieced together to form larger installations, such as long counters, Luxtone can be joined using our structural seams.

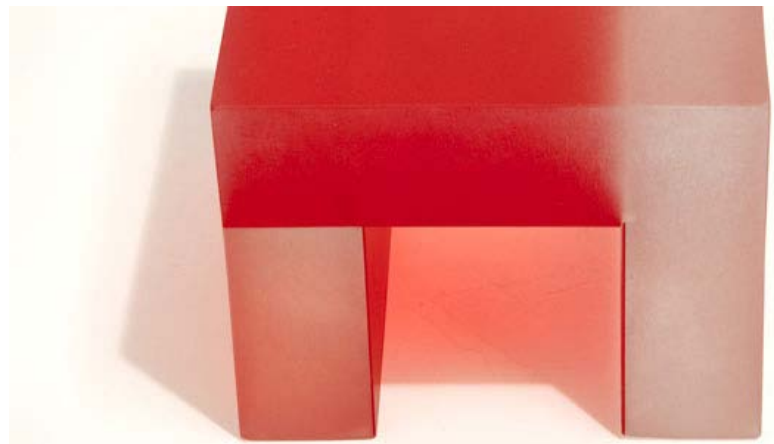


Structural Seam



## Light Seams

Light seams are a choice option for box-like applications like light boxes, showcase boxes, planters, countertop dropdown ledges and aprons, and return-to-wall panels.

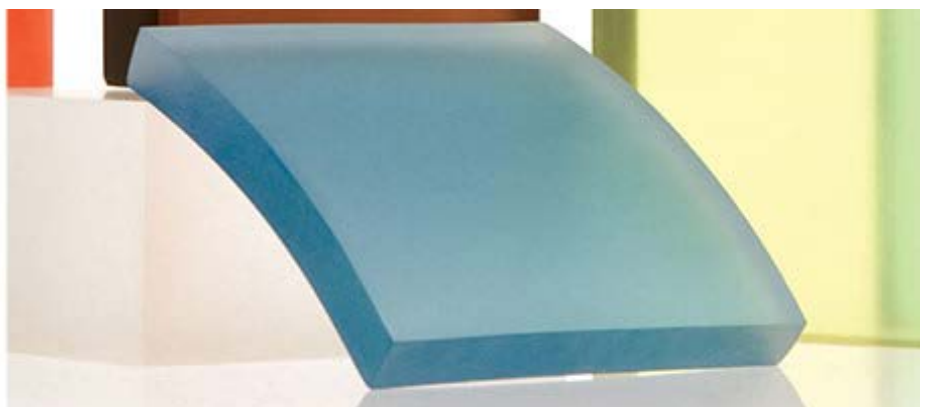


## Forming

form Luxtone can be formed into simple, linear curves. Gently formed Luxtone is ideal for receptionist and welcoming areas.



Simple Curves (linear)

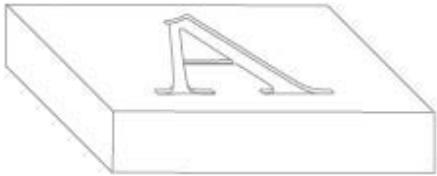




# Etching

Etch lettering or a logo into the surface of Luxtone. This service combines the usefulness of signage with the design factor of Luxtone color luminosity to make a memorable impression.

- 1.CNC etching + sandblasting to create a beautiful frosted look. Interior only.
- 2.CNC + sandblasting + painting to create a colored depth perception through text or logos.
- 3.Laser etching. Our laser can etch Luxtone to create a white frosted background. The precision of the laser also creates nice sharp inside corners that a CNC cannot achieve.



# Field Seam Kit

Luxface has created a field seam kit that makes seaming our Luxtone materials onsite a very simple process. Our kit comes with fully detailed instructions, tools, and adhesive to seam onsite and can be reused again and again.

## 100%Percent Fabrication

# Edge Finishing

For installations where panel edges are exposed, 100 Percent offers an additional edge option.

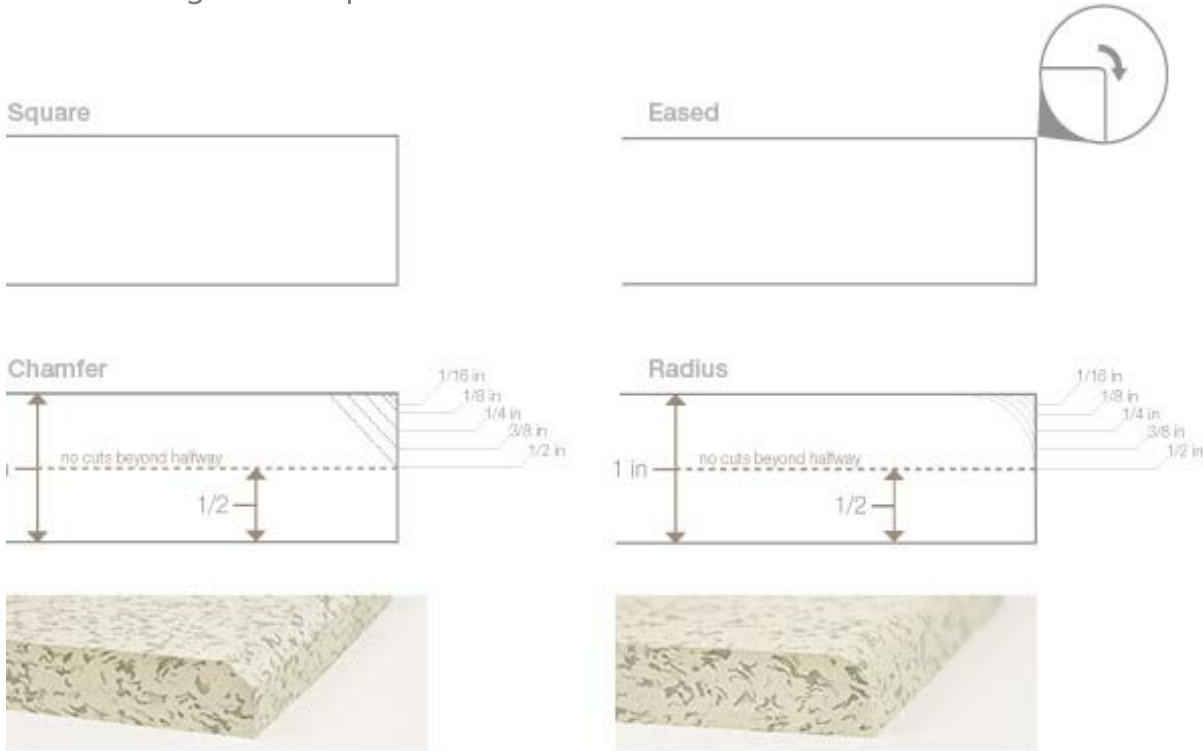


Saw Cut - Standard edge finish.

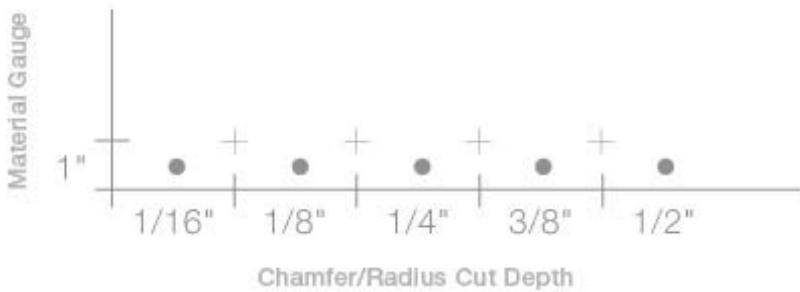
Sanded Edge Finish - 220 grit sand paper provides a consistent, brushed look.

# Edge Details

When using 100 Percent in horizontal surfaces such as table tops or bar tops, consider Luxface's edge detail options.



Chamfer/Radius Cut Depth Availability by Product Material Gauge



# Flat Seams

In an installation where multiple panels need to be pieced together to form larger panels, use a flat seaming option for 100 Percent panels. The available seams are:



Tongue And Groove



Tongue And Groove Reveal (loose joints only)



**Tongue and Groove Joint** - For applications where horizontal and vertical edges meet. This joint is available only with color seam.

**Tongue and Groove Reveal Joint** - a structural option with a distinct aesthetic.

## Angled Seams

Angled seams are a choice option for box-like applications such as light boxes, showcase boxes, planters, countertop dropdown ledges, and return-to-wall panels. 100 Percent requires the following two-angled joinery.



Mitered Joint



Tongue And Groove



**Mitered Joint** - For a clean and simple aesthetic.

**Tongue and Groove Joint** - For applications needing solid, structural support.

## Stone Fabrication

### Edge Finishing



Saw Cut (standard)



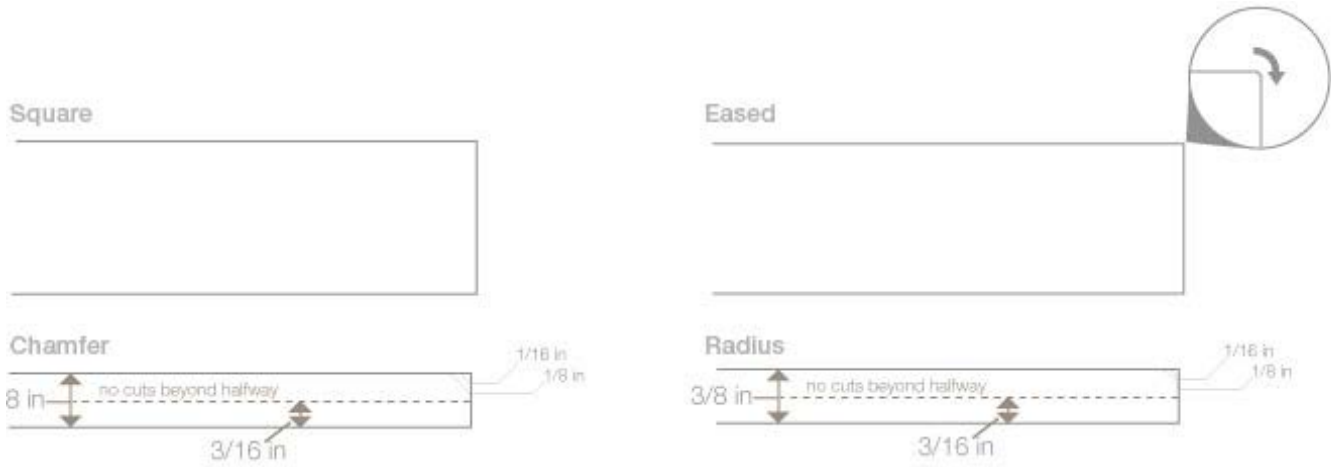
Sanded Edge

**Saw Cut** - Standard edge finish.

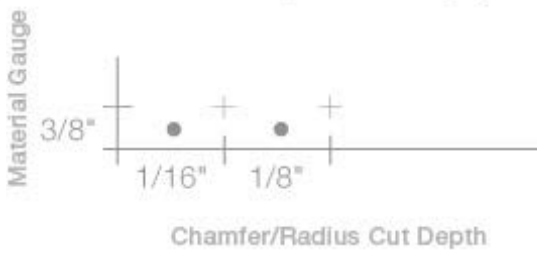
**Sanded Edge Finish** - 220 grit sand paper provides a consistent, brushed look.

### Edge Details

Edge details are available when using Stone in horizontal surfaces such as table tops or bar tops.



Chamfer/Radius Cut Depth Availability by Product Material Gauge



## Flat Seams



Tongue and Groove

**Tongue and Groove Joint** - for strong structural support.

## Angled Seams

Angled seams are a choice option for box-like applications such as light boxes, showcase boxes, planters, countertop dropdown ledges, and return-to-wall panels.



Mitered Joint



Tongue And Groove



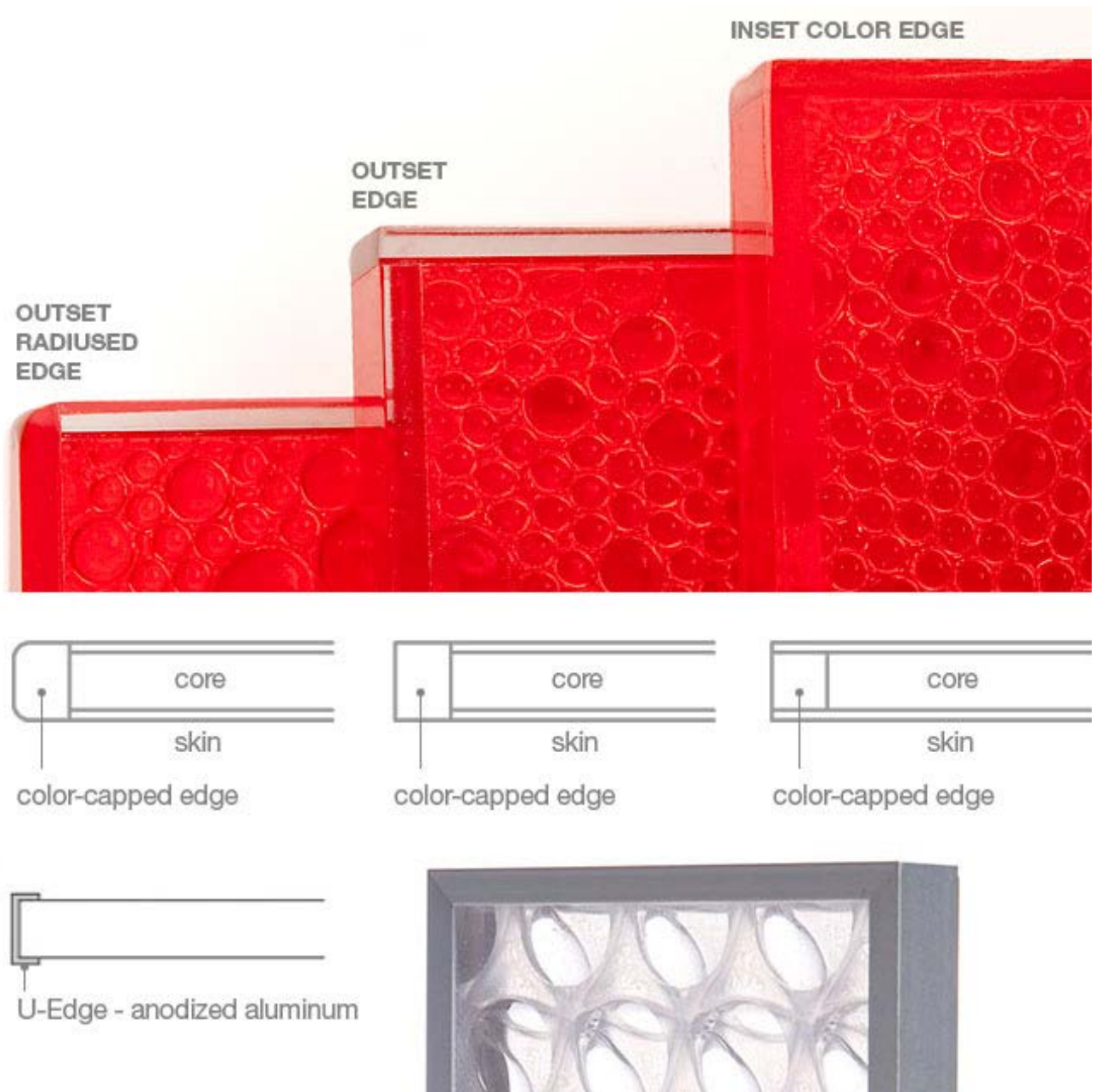
**Mitered Joint** - For a clean and simple aesthetic.

**Tongue and Groove Joint** - For applications needing solid, structural support.

# Luxcore Fabrication

## Edge Details

Edge detail options are available when using Rancore, Unicore or Hexcore in horizontal surfaces such as benches, in vertical solutions such as restroom doors, or in an installation where the product core cannot be exposed. Choose to seal an edge with four different solutions.



### Color Capped Edges

All color capped edge options offer a capped edge in matching color with the Luxcore panel. There are three options offering distinct features.

**Color-Capped Outset Radius Edge** - A color capped edge with 1/8th inch radius for a subtle bullnose edge. Color layer is outset from panel perimeter creating a clear band around panel edge.

**Color-Capped Outset Edge** - As sophisticated as radius option, with an eased edge. This option is also outset, offering a smooth clear band around the perimeter of the panel.

Slightly more cost-effective than Color Capped Outset Radiused Edge.

**Color-Capped Inset Color Edge** - Color is inset within the perimeter of the panel creating a consistent color appearance and no clear band. This is the most cost-effective option.

**U-Channel**

An anodized aluminum solution; provides a cap to surround the edge entirely.

# Forming

Luxcore can be formed using a line bend technique to create three-dimensional installations.

