

# Aurora<sup>TM</sup> V-Groove

## Data Sheet v3

### What is Aurora V-Groove?

Aurora V-Groove is a way to engrave any type of glass. Both lineal and curved patterns can be cut into the glass surface to create a distinctive look or to add a functional benefit.

### Where can Aurora V-Groove be used?

Quite simply on any piece of glass or mirror, this includes:

- Splashbacks.
- Frameless showerscreens.
- Wardrobe doors – grooves can also add function such as a finger pull.
- Windows and doors – consider creating colonial or federation designs out of grooves. Or create an individual design for a particular house.

### What are the limitations to the design?

Very few. The designs included in this data sheet are simply examples and not a comprehensive or exhaustive list of available designs. However, they give a good idea of the capabilities of Aurora V-Groove, you could take any element of any design and create your own unique pattern.

### What are the surface finishes for Aurora V-Groove?



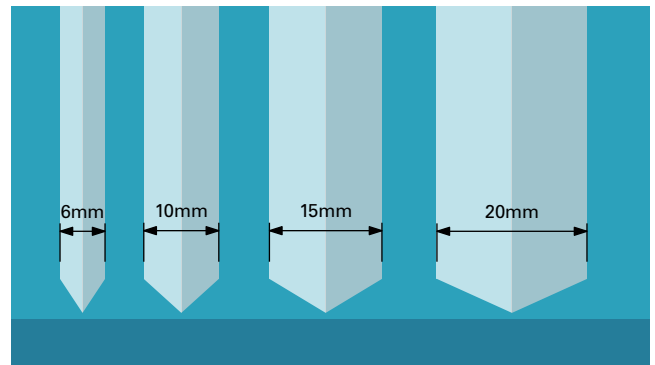
**Polish** – Creates a smooth clear finish, effectively a brilliant cut.

**Grind** – Has a textured opaque finish.

**Shadow** – Mixing a wide grind with a narrow polish resulting in a groove with a brilliant cut in the centre and a textured opaque finish to the edges.

### What profile sizes are available for Aurora V-Groove?

There are four groove widths available:



All groove depths are different and range from 0.5mm to 2mm.

Aurora V-Groove Finishes			
Polished	Grind	Shadow	
		Outer Groove	Inner Groove
6mm	6mm		
10mm	10mm	10mm+6mm	
15mm	15mm	15mm+6mm	
20mm	20mm	20mm+10mm	

### Size, thickness, spacing and other constraints

The maximum size of panels that can be grooved is 2670mm x 2000mm.

The constraints around the thickness of glass to be grooved depend on the application.

- In general – 5mm glass is the minimum thickness that can be grooved.
- Aurora Door panels are 5mm and therefore can be grooved.
- Frameless showerscreen – 8mm is the minimum thickness for grooved showerscreens.

Grooves running parallel to the edge of the glass are constrained with regards to how close they can come to the edge:

- For non-toughened glass, 6mm.
- For toughened glass, the glass thickness.

The offset is measured from the edge of the panel to the edge of the groove, not the groove centre.

Grooves running perpendicular to the edge of the glass will be finished with a point that can come up to 1mm from the edge of the glass.

There will be a point at the lead-in and lead-out of each groove unless it is a closed design such as a circle.

Grooves can cross over each other.

### How to order "simple" Aurora V-Groove designs?

There is no hard and fast definition of the difference between "simple" and "complex" designs. A simple design is a design that can be easily drawn. For example, a single vertical line on a showerscreen or wardrobe door.

When ordering simple designs, you must specify, the type of groove and the location, your Aurora Glass sales representative will take care of this for you.

### How to order "complex" Aurora V-Groove designs?

Custom designs can be produced from freehand drawings, images or more quickly if CAD drawings are supplied. Simply take the drawing, image or file to an Aurora Glass sales representative, in turn within 3 days you will receive a sample drawing of your design for sign off before the order can be processed.

### Pricing

Grooving is priced on a lineal metre basis. Please consult an Aurora Glass sales representative for all pricing requests.

### What are the lead times?

The lead times vary by product.

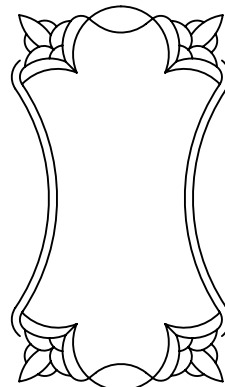
- Frameless showerscreens
- Aurora Splashbacks
- Aurora Doors
- Aurora Mirastar
- Aurora Custom Mirrors

Each will have different lead times that will vary from time to time. Please consult an Aurora Glass sales representative for further information.

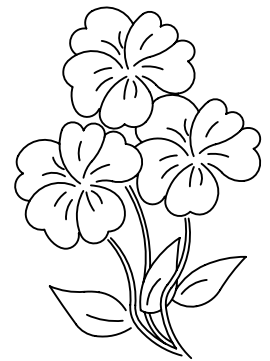
### Guarantee

Toughened glass, float glass, laminated glass, painted glass, high performance glass and framed mirror glass are guaranteed against defects and degradation for a period of three years, but do require ongoing maintenance to not void the guarantee.

### Aurora V-Groove sample designs



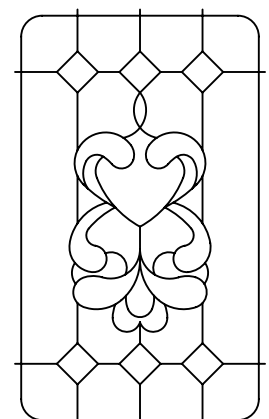
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FIORELLI3



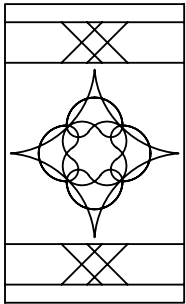
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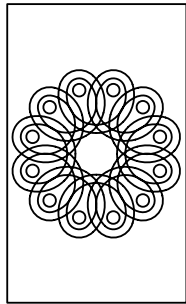
CANAD1

# Aurora<sup>TM</sup> V-Groove

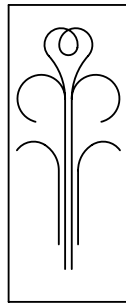
## Sample Patterns V3



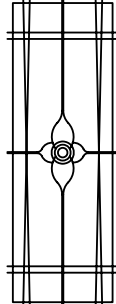
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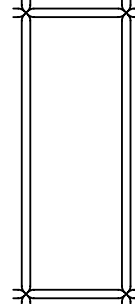
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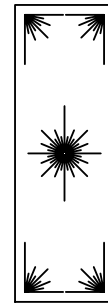
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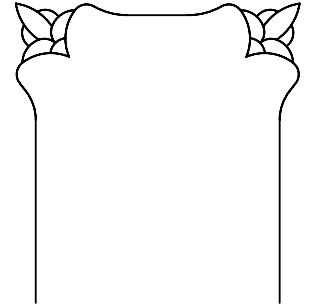
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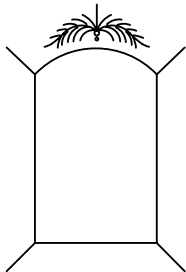
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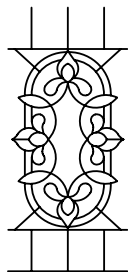
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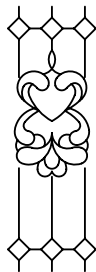
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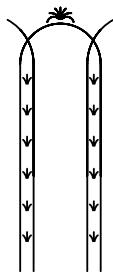
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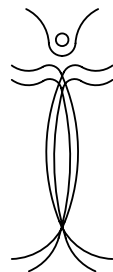
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KEN8



DEB



TIZIO



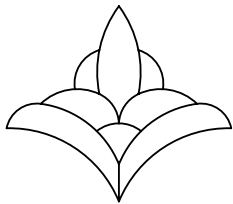
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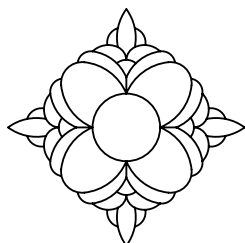
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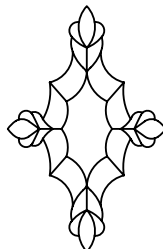
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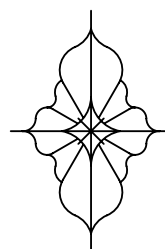
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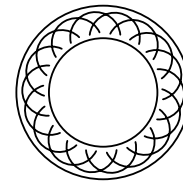
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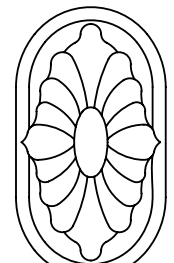
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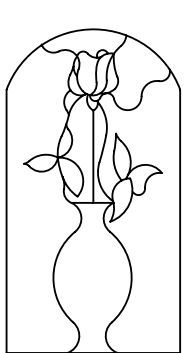
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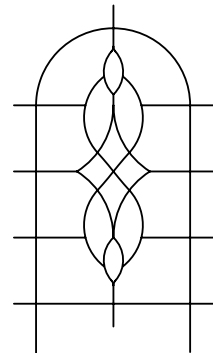
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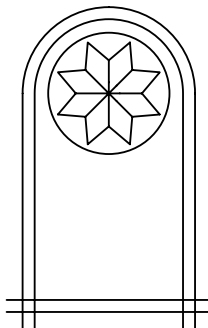
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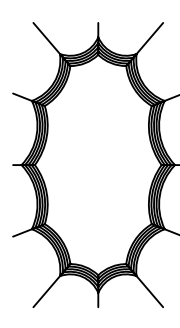
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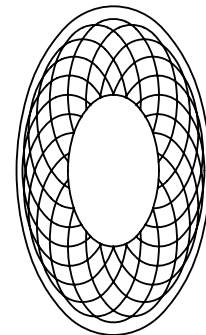
DEMO



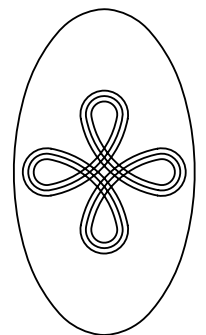
FOTOGRO1



WEB



WEB2



GOMIT