

GLASS PROCESSING GUIDELINES

TOLERANCES

- Glass supplied by Chevron Glass is manufactured to comply with AS 4667-2000. Therefore, standard visual and surface tolerances will apply.
- Finished tolerances are ± 2.0 mm on all overall dimensions, cut outs and hole positions.
- For tolerances on toughened glass, please refer to Chevron Toughened Glass Specifications.

SHAPE CUTTING

- **STRAIGHT LINE SHAPES**

Description: Straight line shapes with a maximum of 4 sides.

Includes: Long corners, out of square parallelograms, raked heads, triangles.

Dimensions must be clearly defined with all necessary measurements.

- **REGULAR SHAPES**

Description: Common shapes with a maximum of 6 straight sides.

Includes: Arch tops, circles, hexagons, quadrants, semi circles.

Dimensions must be clearly defined with template or CAD drawing preferred.

- **COMPLEX SHAPES**

Description: Irregular shapes with more than 6 sides, non-straight edges or curved shapes.

Includes: Barrels, elbows, closed curves, concave shapes, "D" ends, heptagons, octagons, ovals, pentagons, Queen Anne tops, abstract shapes and any other shapes not covered above.

Dimensions must be clearly defined and include CAD drawing or template supplied.

Templates must comply with Chevron Glass Template Specification Sheet.

Shape cutting surcharges apply for non-rectangular cut to size shapes.

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NOTCHES

- **CORNER NOTCHES**

Defined as having maximum dimensions of 200mm x 200mm.

Must have an internal radius corner (R) at least equal to the glass thickness. Notches will be supplied with a flat smooth edge only.

- **SIDE NOTCHES**

Defined as having maximum dimensions of 200mm x 200mm.

The minimum distance from a corner should be 75mm. External corners on notches must be rounded.

- **CENTRE NOTCHES**

All centre notches must have radius corners equal to or greater than the glass thickness.

The distance between the edge of the centre notch and the glass edge must be at least four times the glass thickness, with a minimum 25mm for 4-6mm glass and 100mm for 8-19mm glass.

The interior width of a centre notch must be equal to or greater than the glass thickness.

The distance between centre notches must be at least 4 times the glass thickness.

The notch height and width must be less than 50% of the glass height / width.

Centre notches are generally processed by waterjet cutter then arressed.

CUT OUTS

Defined as having any one dimension greater than 200mm.

Cut outs are processed by waterjet cutter and supplied with flat ground and arressed edges.

SPLASHBACK MULTI-PROCESSED PANELS

DEFINITION

Any glass panel incorporating any or all of the following:

- Processed glass panel with any combination of four or more cut outs, notches or hole configurations.
- Any panels with polished internal cut outs.
- Processed panels with multiple hole configurations for typical tap set-ups.

SPECIFICATIONS

- Large size panels will be considered subject to O.H. & S. and manufacturing considerations, up to a maximum size for any panel of 4000 x 1500mm.

An additional charge may apply for these panels.

This charge would be in addition to standard edgework charges, shape cutting charges and template handling charge.

- Minimum size is 350 x 350mm.
- Tolerances as per Chevron Toughened Glass Specifications.