CUT-OUTS HOLES AND CORNERS DIAGRAMS

Holes up to 74mm diameter

See diagram 1

The distance from the edge of the hole to the nearest edge of the glass must be equal to 1.5 times the thickness of the glass for 4 to 6 mm and 2 times for glass thickness of 8mm and over (refer to fig 1.)

Distance from the edge of a hole in the corner to the glass sheet corner must be at least 4 times the thickness of the glass (refer fig 2.)

Distance between holes must be at least 4 times the thickness of the glass (refer fig 3.)

Diameter of holes cannot be less than the thickness of the glass

Diameter of holes cannot be greater than 33% of the sheet at the narrowest point (refer fig 4.)

In a sheet with holes, the minimum width of the sheet must be 8 times the thickness of the glass.

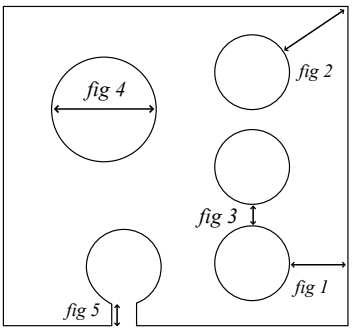

DIAGRAM 1

Special hole requirements

See diagram 1

If a hole is placed in a position closer than the recommended distances, a saw cut can be made to minimise the stresses and chances of breakage (fig 5.)

Cut - out guidelines

See diagram 2

Distance between hole/centre cut-out and glass edge must be at least 4 times the thickness of the glass with a minimum of 75mm for cut-outs exceeding 150mm diameter or dimensions in direction (refer fig 6.)

Distance between holes/centre cut-outs must be at least 4 times the thickness of the glass. Where one or either hole/centre cut-outs exceed 150mm diameter or dimensions in direction. If you are unsure ask us for technical advice first.

Height/width of the hole/centre cut-out must not be more than 33% of the glass height/width (refer fig 7.)

Dimensions of the hole/centre cut-outs should not be less than the thickness of the glass (refer fig 7.)

All non circular centre cut-outs must have a radius corner with a minimum radius of not less than the thickness of the glass (refer fig 8.)

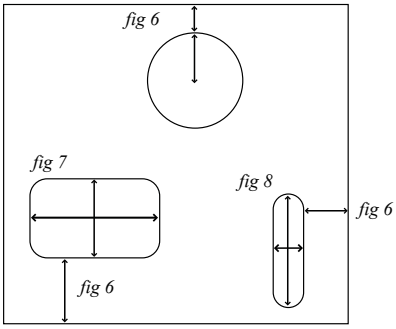

DIAGRAM 2

CUT-OUTS HOLES AND CORNERS DIAGRAMS

Side and corner cut-outs

See diagram 3

The height/width of the cut-out must not be less than the thickness of the glass (refer fig 9a.)

The height/width of the cut-out must not exceed 33% of the sheet measurement

Minimum distance from the corner of the sheet should be 75mm (refer fig 9b)

All cut-outs must have internal radius corners no less than the thickness of the glass.

External corners on cut-outs must be rounded (fig 10.)

Distance between cut-outs must be at least 4 times the thickness of the glass (fig 10.)

Where one or either of the cut-outs exceed 150mm dimension in any direction, ask for technical advice first.

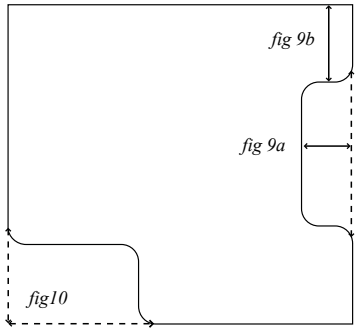

DIAGRAM 3