

We Don't Cut Corners

Most aluminum storm doors are made from four separate pieces of material. At Falcon, our doors are constructed from one continuous piece of aluminum extrusion.

- Door extrusions are shipped in to the Falcon warehouse.



- The door frame tube (extrusion) is cut with a mitre saw.
- Each frame has four 90-degree wedges cut out. These are reinforced with interior gussets to stabilize each corner of the door.



- The reinforcing gussets are inserted into the mitre-cut wedges. This helps the corners hold their shape and prevents sagging over time.



- The door tube is being folded into an open rectangle.



- The door frame is shaping up. The top part has been “folded”. (You can see more pieces of extrusion in the background.)



- Next step: a fifth reinforcing gusset is fitted into the door tube where the ends meet , and held in place with screws set into interior screw bosses.



The door is now ready to be drilled for hardware.

- Glass or screen inserts and Z-bars rails will be added.



- Finished product is inspected. If any flaws are found, the door is pulled off the line and corrected.





A few of our storm door styles:
Self-storing, full view, security , wood core