

Illustration #1

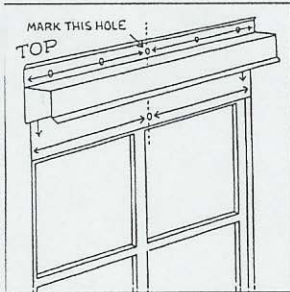


Illustration #2

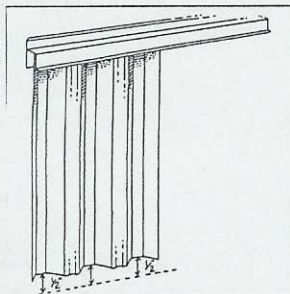


Illustration #3

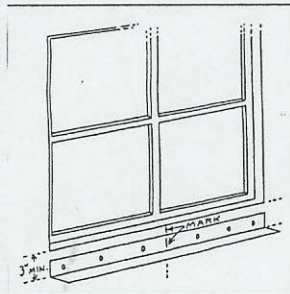


Illustration #4

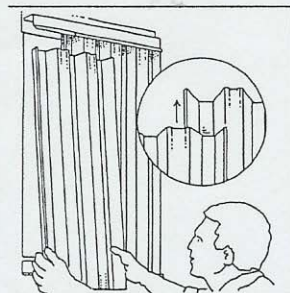


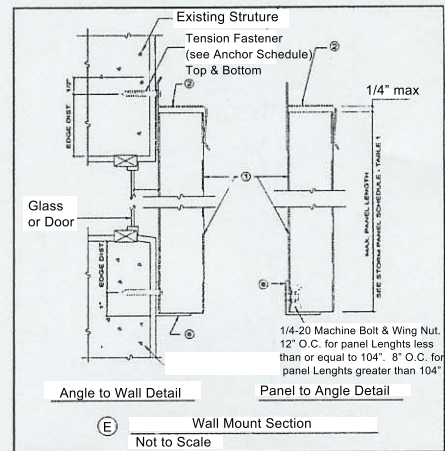
Illustration #5

Storm Panel Installation Instructions

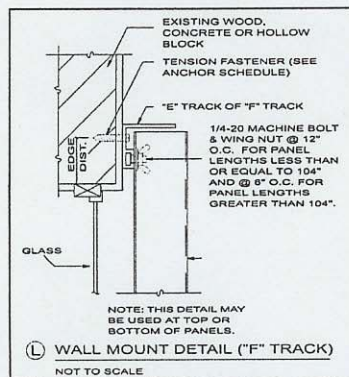
Typical Vertical Outside Mount onto Concrete Block, using an Extruded Header and Sill.

The following instructions are prepared for openings that allow the Panel Header Track and the Studded Angle Sill to be mounted flush with the exterior wall. (Refer to illustration "E" (right) for cross-section details.)

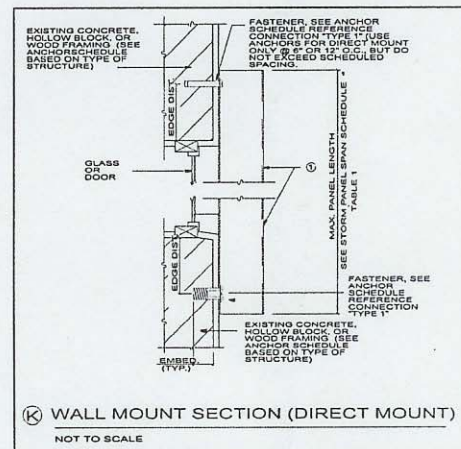
- 1) Drill $\frac{1}{4}$ " holes (not to exceed 6" on center) in the Panel Header Track and Studded Angle Sill as shown in illustration #1. (Tip - you can use the holes you drilled in the Panel Header Track and Studded Angle Sill to mark the house.)
- 2) Locate and mark the center of the Panel Header Track and Studded Angle Track. (Note-Make sure all Header and Sill pieces are 3" longer than the total length of panels, i.e.; 4 panels = 48", so add 48"+3" to determine length of the Header and/or Sill.)
- 3) Locate and mark the center of the opening you are going to install the Header and Sill and mark the vertical line at the top and bottom of the opening approximately 4" long as shown in illustration #2.
- 4) Match the center mark on the Header track to the vertical line you made above the window. Level the Header track insuring the bottom of the header channel is at the top of the window opening.
- 5) Using one of the $\frac{1}{4}$ " holes in the Header Track, make a mark on the wall. Remove the Header Track and using a $\frac{3}{16}$ " masonry drill bit, drill the hole approximately 1- $\frac{3}{4}$ " deep.
- 6) With a $\frac{5}{16}$ " head nut driver attached to your drill use a 1- $\frac{3}{4}$ " Tapcon screw to attach the Header track securely to the wall, being careful not to strip the Tapcon screw. Level the Header Track, drill out the remaining holes in the wall and screw in the remaining Tapcons.
- 7) Using one hurricane panel sized for the opening you are working on, insert the panel into the Header Track and push the panel all the way to the top. Hold the panel in place and make a mark $\frac{1}{2}$ " below the bottom of the panel as shown in illustration #3. Make sure your horizontal mark intersects the bottom of the vertical mark.
- 8) Line up the center mark on the Studded Angle Sill and the center mark you made on the opening. Align such that the bottom edge of the Studded Angle Sill rests on the $\frac{1}{2}$ " below-the-panels mark, and then level, as shown in illustration #4.
- 9) Using one of the $\frac{1}{4}$ " holes you drilled in the Studded Angle Sill, make a mark on the wall. Remove the Studded Angle Sill and drill a $\frac{3}{16}$ " diameter hole.
- 10) Insert the Tapcon through the $\frac{1}{4}$ " hole in the Studded Angle Sill and fasten the Track to the wall. Level the Studded Angle Sill, drill out the remaining holes and screw in the remaining Tapcons.
- 11) Remove the wing nuts from the Studded Angle Sill. Working from left to right, insert the panel into the Header Track, letting the panel drop down on the Studded Angle Sill over the studs. (There should only be a $\frac{1}{4}$ " gap between the top of the panel and the Header Track.)
- 12) Insert the second panel into the Header Track allowing overlap (indexing) of the second panel to the first, third panel to the second, etc. as shown in illustration #5.
- 13) Continue this process making sure each panel overlaps the next panel and are straight and vertical.
- 14) Tighten down all wing nuts on each stud until the opening is complete.



Wing nut fastened to bracket mounting



Slide in wing nut and screw mounting



Direct-to-wall mounting

Measuring Tips

Facing the front door start to your left and go in a clockwise direction. Measure the height and width of each opening you want covered by the storm panels. Write each measurement on Table 1 the "opening size" column on the reverse side of this document (make sure to write width first and height second, i.e.; w x h). Use the accompanying tables to determine the amount of materials needed for the job.

Storage

Store Materials in a safe, dry place. Storm panels interleave each other to minimize space needed for storage. For convenient re-assembly, stack panels such that the first panel you want to install is on top, and so on.

Other Information

- Panels must overlap the window or door opening by minimum of 3" on all sides.
- Panels must overlap each other. See illustration #5.
- Both Header Track and Studded Angle Sill can be made removable by using tap-in Anchor and a $\frac{1}{4}$ " x 20 Machine Screw. Consult Anchor Safe for more details.
- For wood installations, use 2" Lag Bolts for permanent mounting. For removable wood installations, use Brass Wood Bushings with $\frac{1}{4}$ " x 20 Machine bolts.