Parts List:

Storm Panel

H-Header

F- Track

Wing Nut

Concrete Screw

Anchor Set Tool

Wood Lag

Tap-In Anchor

Sidewalk Bolt

Trac Bolt

Keyhole Washer

Brass Wood Bushings

Combination Drill Bit

Caution:

Storm panels and their associated components are high strength sheet metal products. As such, sharp edges are present. Wear gloves and goggles when handling Storm Panel Components.

Caution:

Plan escape routes. Panels installed over an opening will prevent it from being used as an escape exit.

Storage:

POMA Storm Panels and mounting channels nest together for neat convenient storage. Particular care should be taken when handling and storing to prevent damage to the protective coating.

When storing, make sure panels are clean and dry. If possible, store vertically and securely fasten to wall. Do not wrap panels in plastic or other moisture trapping materials.

A superficial moisture discoloration does not effect your storm panel's strength or integrity. Prolonged exposure to moisture while stored (rain, water leak, air-conditioner evaporation, etc.) must be avoided.

0.63 Alumimum Panel System:

Use this table to determine:	
If the height of your opening is:	**Panel Height**
24" to 38"	44"
40" to 50"	56"
52" to 63"	68"
65" to 80"	86"
82" to 98"	104"

Note: For panel height greater than 104" special order heights are available.

Storm Panel Worksheet:

Number of Panels	Coverage	Number of Panels	Coverage
1	15"	11	135"
2	27"	12	147"
3	39"	13	159"
4	51"	14	171"
5	63"	15	183"
6	75"	16	195"
7	87"	17	207"
8	99"	18	219"
9	111"	19	231"
10	123"	20	243"

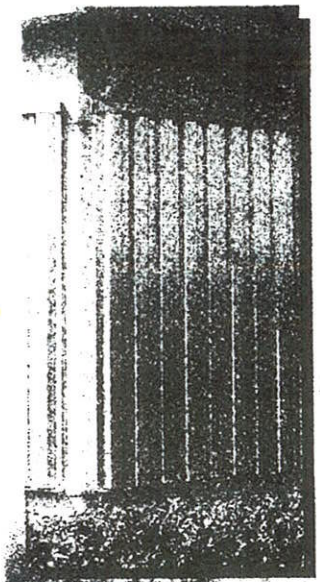
Storm Panel Order Form:

Opening Size Width X Height	Panel Height	Number of Panels				
		44"H	56"H	68"H	86"H	104"H

Order H-Header and F-Track lengths according to number of panels needed per opening.

AMF BUILDING PRODUCTS
9040 Belvedere Road - West Palm Beach, FL 33411
561-790-5799
www.wbuildingproducts.com

poma
Hurricane Storm Shutters



.063 Storm Panel Installation Instructions

Miami Dade Approved

NOA# 12-0809.04

Tools Required:

The tools required for proper installation of your "POMA Storm Panel System" are: Pencil, Tape Measure, Hammer Drill and/or Electric Drill, 4' Level, Hammer*, Anchor Set Tool*, Slot Headed Screw Driver, Turkey Baster*, 1/4" Steel Drill Bit, 1/2" Combination Masonry Drill Bit, 3/8" Steel Drill Bit*, 5/16" Nut Driver, Electrical Extension Cord, Permanent Marker (Black or Red), Hacksaw, Gloves, and Safety Goggles.

** Denotes required items if Direct Mount is used or if Tracks are to be removable.*

Installation Instructions:

NOTE: POMA Storm Panels may be installed either vertically or horizontally. These installation instructions will work for either method by simply changing the centerline starting point.

Disclaimer: ***This Storm Panel complies with many municipal codes and regulations, but may not comply with all requirements. Purchaser must determine that this product and its installation comply with all codes and regulations for storm panels at the place of installation. Manufacturer disclaims any responsibility for determining compliance with codes and/or regulations applicable to the purchaser and makes no representation or warranties regarding suitability in this regard.***

1. Drill 1/4" holes in the H-Header and F-Track not to exceed 6" on center of the H-Header (Figure 1) and F-Track (Figure 2).

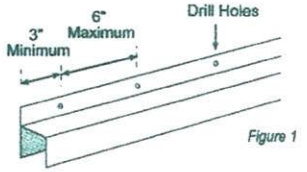


Figure 1

2. Locate and mark the center of the H-Header and F-Track.

3. Locate and mark the center of the opening in which you are going to install the H-Header and F-Track and mark (using pencil) a vertical line at the top and bottom of the opening approximately 3.5" long (Figure 3).

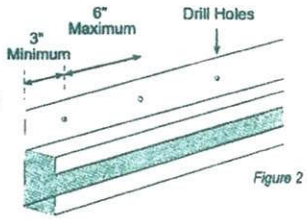


Figure 2

4. Match the center mark on the H-Header to the vertical line above the opening, ensuring the header is level. The top of the header should line up with the top of the 3.5 vertical line. (See Figure 3).

Figure 3

5. Mark the location of each 1/4" hole in the header on the wall. Remove the H-Header and using a 3/16" masonry drill bit, drill the holes approximately 1 3/16" deep.

6. Using a 5/16" head nut driver and utilizing a 1 3/4" tapcon, screw the H-Header securely to the wall being careful not to strip out the Concrete Screw.

7. Using (1) hurricane panel for the appropriate opening, insert the panel into the header and push the panel all the way to the top. Hold the panel in place and make a mark at the bottom of the panel.

8. Line up the center mark on the F-Track and center mark of the opening. Make sure the bottom of the F-Track runs level with the mark at the bottom of the panel, (see Figure 3).

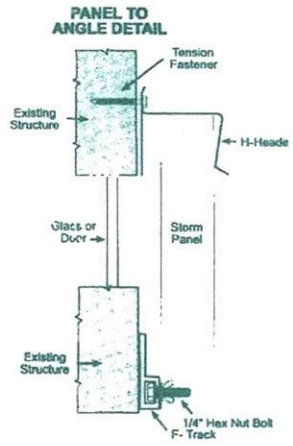
9. Mark the location of each 3/16" hole. Remove the F-Track and drill 3/16" diameter holes.

10. Insert the Concrete Screws through the 1/4" holes in the F-Track and fasten the track to the wall.

11. Insert the F-Track bolts into the track channel so the bolts are every 6" on center.

12. Insert the storm panel starting at the left side of the opening making sure each panel overlaps the next panel and is vertically straight. Make sure the F-Track bolts are threaded through every keyhole at the bottom of the panels.

13. Tighten down all the wingnuts on each bolt.



WALL MOUNT SECTION

Storm Panel Alternate Mounting Anchors:

Anchor Schedule - (Minimum 3" Edge Distance)		
Existing Structure	**Anchor Type**	**Fastener Spacing**
Wood	1/4"ø s.s. Lag Screw w/ 1-3/4" Min. Thread Embedment Shear Parallel to Wood Grain	6"

Anchor Schedule - (Minimum 3" Edge Distance)		
Existing Structure	**Anchor Type**	**Fastener Spacing**
Concrete	1/4"ø Zamac Nailin w/ 1-3/8" Min. Embedment (Min. 3,000 P.S.I. Concrete)	6"
	1/4"ø POMA Male "Panelmate" w/ 1-3/4" Min. Embedment & 1/4 - 20 Machine Screw with Nut (Min. 3,323 P.S.I. Concrete)	6"
	1/4" Concrete Screw w/ 1 1/8" Embedment	6"
	1/4"ø Calk-in w/ 7/8" Embedment & 1/4 -20 Stainless Steel Machine Screw (Min. 3,870 P.S.I. Concrete)	6"
Hollow Concrete Block	1/4"ø Rawl Zamac Nailin w/ 1-1/8" Min. Embedment	6"
	1/4"ø POMA Male "Panelmate" w/ 1-1/4" Min. Embedment & 1/4 - 20 Machine Screw with Nut	6"
	1/4"ø Calk-in w/ 7/8" Embedment & 1/4 -20 Stainless Steel Machine Screw	6"

Additional Information:

For floor mount opening, see approved engineering sheets at point of purchase.