

# Hurricane Rated Door Systems

## HD-Storm™ Sliding Door Systems Automatic Door System



**up to  
85 PSF**

### Largest Envelope — Highest PSF Rating

The new hurricane rated HD-Storm™ sliding door system offers the highest pounds per square foot (PSF) rating available on the market along with the extra security of heavy duty construction and 3-point locking.

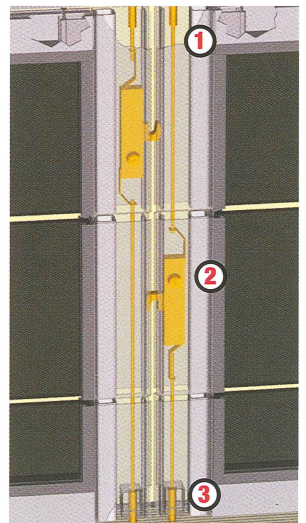
Engineered to withstand pressures up to ±85 PSF, the HD-Storm™ utilizes Horton's rugged corner block construction along with steel reinforced rails for the best defense against debris and powerful winds. The HD-Storm™ 3-point locking system ensures the entrance is secure and anchored when the door is not in operation. Specify the Horton HD-Storm™ series automatic door system for health care facilities, office buildings, home improvement centers, grocery and retail stores wherever superior storm protection is needed.

#### Be prepared with these Horton benefits:

- Miami-Dade approved with up to ±85 PSF pressure rating
- Heavy duty 6" x 8" header for maximum strength
- Available for small and large missile impact and non-impact applications
- Superior corner block reinforced door panel vs. commercial through-bolt panels
- Specially designed weather stripping to reduce air infiltration



Ultimate protection against high winds and wind-borne debris.



Exclusive 3-point locking — top, middle, and bottom — simple one turn solution to secure each door.

For 85 PSF biparting doors, optional panic hardware with auto lock is available.

HD-Storm™ Selection Guide						
Unit Width	Max Slide Opening	Breakout Opening		Stile	Impact	Ratings (Windload)
		Type 110	Type 310			
<b>SINGLE SLIDE</b>						
7'-0" (2134)	2'-11 3/8" (899)	3'-4 1/8" (1019)	—	Narrow	Non, Small & Large	+/-80 PSF
7'-0" (2134)	2'-10 1/2" (876)	—	6'-3" (1905)	Medium	Small & Large	+/-70 PSF
8'-0" (2438)	3'-4 1/2" (1029)	—	7'-3" (2210)	Medium	Small & Large	+/-70 PSF
9'-0" (2743)	3'-10 1/2" (1181)	—	8'-3" (2515)	Medium	Small & Large	+/-70 PSF
<b>BIPARTING</b>						
10'-0" (3048)	3'-11 1/4" (1200)	4'-8 3/4" (1441)	—	Narrow	Non, Small & Large	+/-80 PSF
12'-0" (3658)	4'-11 1/4" (1505)	5'-8 3/4" (1746)	—	Narrow	Non, Small & Large	+/-80 PSF
14'-0" (4267)	5'-11 1/4" (1810)	6'-8 3/4" (2051)	—	Narrow	Non, Small & Large	+/-80 PSF
10'-0" (3048)	3'-9 1/2" (1156)	—	8'-9 1/2" (2680)	Medium	Small & Large	+/-85 PSF
12'-0" (3658)	4'-9 1/2" (1461)	—	10'-9 1/2" (3289)	Medium	Small & Large	+/-85 PSF
14'-0" (4267)	5'-9 1/2" (1765)	—	12'-9 1/2" (3899)	Medium	Small & Large	+/-85 PSF



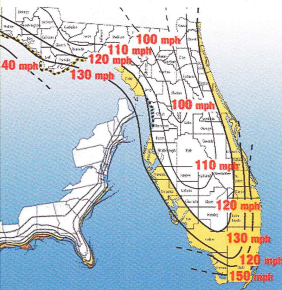
**AADM** American Association of Automatic Door Manufacturers

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## HD-Storm™ Sliding Door Systems

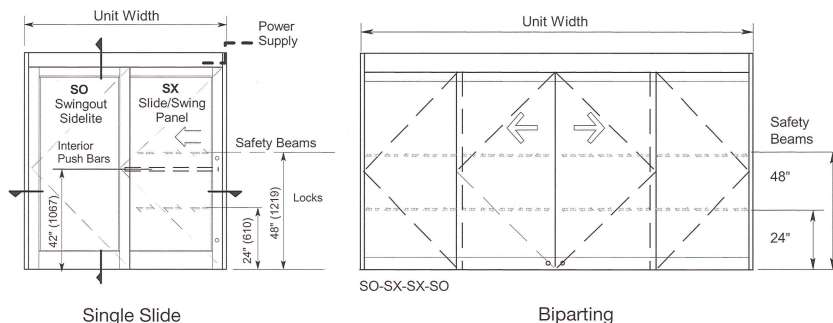
### Automatic Door System

Horton Automatics hurricane rated sliding door systems are Miami-Dade approved and meet the most stringent windforce ratings for coastal areas as well as inland areas affected by tropical storms.

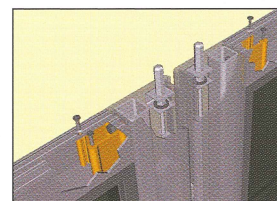


Wind-Debris Map

### Architectural Details (70 PSF Single & 85 PSF Biparting)



### Construction



#### Rugged Corner Block Construction

Heavy duty rails with integral corner blocks add structural integrity that is far superior to mass produced through-bolt panels.

Shown: HD-Storm™ Series

### Applications

- Health Care
- Office/Commercial
- High Rise Residential
- Home Improvement Centers
- Grocery Stores
- Other Retail
- Schools/Universities
- Government

### Other Hurricane Rated Sliding Door Systems

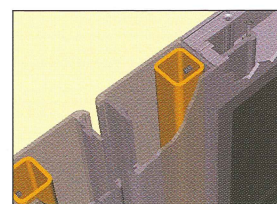
**Profilor® Storm Series**  
Sleek 4" x 6" Header

up to  
**55 PSF**



Complementing the 85 PSF HD-Storm™ Series, Horton's Profilor® Storm sliding door systems are an industry standard for Miami-Dade compliance up to ±55 PSF windforce ratings. A wide range of features add application versatility:

- Available for small and large missile impact and non-impact applications
- Linear or belt drive operators
- Emergency egress designs including panic devices, single or full breakout
- Electric lock and power fail options



#### Steel Reinforced Rails

High strength steel tubes are integrated into rails to reinforce holding power during severe weather.

Shown: HD-Storm™ Series

### Did You Know?



The PSF requirement of an entrance is determined by several factors including wind speed, building structure, building height, door location, and roof configuration.

### Profilor® Storm Selection Guide

SINGLE SLIDE					
Unit Width	Max Slide Opening	Breakout Opening		Impact	Ratings (Windload)
		Type 110	Type 310		
7'-0" (2134)	2'-10 1/2" (870)	3'-3 1/4" (997)	6'-3" (1905)	Non, Small & Large	+/-55 PSF
8'-0" (2438)	3'-4 1/2" (1029)	3'-9 1/4" (1149)	7'-3" (2210)	Non, Small & Large	+/-55 PSF
BIPARTING					
Unit Width	Max Slide Opening	Breakout Opening		Impact	Ratings (Windload)
		Type 110	Type 310		
10'-0" (3048)	3'-9 1/2" (1156)	4'-7" (1397)	8'-9 1/2" (2680)	Non, Small & Large	+/-55 PSF
12'-0" (3658)	4'-9 1/2" (1461)	5'-7" (1702)	10'-9 1/2" (3289)	Non, Small & Large	+/-55 PSF
14'-0" (4267)	5'-9 1/2" (1765)	6'-7" (2007)	12'-9 1/2" (3899)	Non, Small & Large	+/-55 PSF
16'-0" (4877)	6'-9 1/2" (2070)	7'-7" (2311)	14'-9 1/2" (4509)	Non, Small & Large	+/-55 PSF



For more information, use your QR code reader to access the hurricane section of [hortondoors.com](http://hortondoors.com)



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Specify **HORTON**



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