



# Speed-Guardian™ Hurricane Rated Doors

Single and double door solutions

**HÖRMANN**

# Speed-Guardian™ 5000 Hurricane Rated High Performance Doors

Two models available for either Class 4 or Class 5 rating requirements

## Satisfy hurricane protection requirements

Two hurricane rated models are available to meet Class 4 or Class 5 ratings required in specific areas and applications.

### Class 4 rated single door solution **1**

The Speed-Guardian™ 4000 C HR 42 is impact resistant, has a design pressure of +50 / -50 psf, and earned FBC approval # FL17220. The 4000 C HR 42 is approved for use outside HVHZ and is also approved for Missile Level D / Wind Zone 4 / Class 4. This single door solution is a completely solid door with no vision slats. The 1-5/8" (42 mm) thick double-walled panel slats are made of uninsulated anodized aluminum, with internal reinforcements.



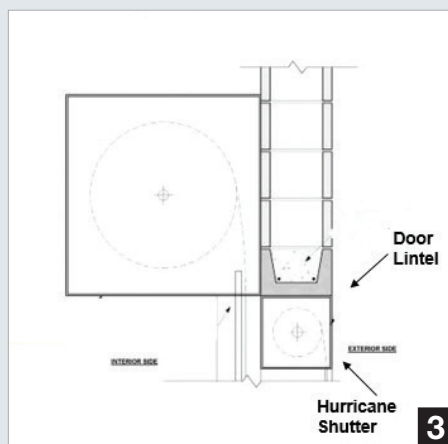
### Class 5 rated double door solution **2**

The Speed-Guardian™ 5000 CV TD HR has a complete panel of vision slats which allows more light into the building and more visibility from inside to outside. This attractive design is a popular choice of retail automotive dealerships because of its aesthetic appeal and security. Our double door hurricane solution combines our Speed-Guardian™ 5000 CV TD HR with a tandem solid hurricane rated shutter door which meets the Class 5 hurricane rating.

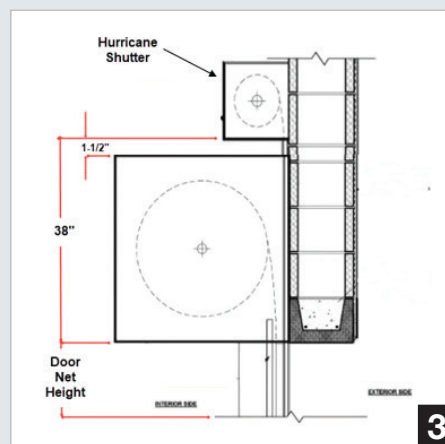


### Three mounting configurations for Class 5 **3**

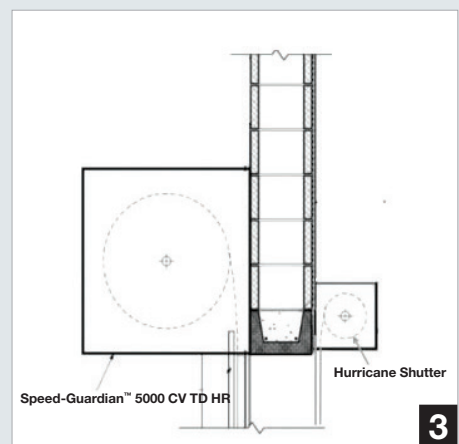
Because adhering to hurricane rating specifications for new construction and renovation projects can be challenging, we offer three mounting configurations for the tandem hurricane shutter on our Class 5 double door solution: exterior mount, under the doorway lintel, or above the doorway lintel. It's important to note that when mounting the tandem hurricane shutter under the doorway header, 10 to 12 inches of headroom is sacrificed. Depending on the height of the traffic moving through the opening, additional height may need to be added to the door opening.



Hurricane Shutter Under Lintel Mount



Hurricane Shutter Above Lintel Mount



Hurricane Shutter Exterior Mount



## Features

● = Standard ○ = Optional - = Unavailable

Model	SG 4000 C HR 42	SG 5000 CV TD HR
Suitable application	Interior mounting only	
Hurricane class rating	Class 4	Class 5
<b>Track configuration</b>		
Coiling roll-up	●	-
Tandem hurricane shutter with coiling roll-up	-	●
<b>Size range</b>		
Max. width x height	16'0" w x 20'0" h	18'0" w x 15'0" h*
Min. required headroom standard track	36-3/8"	Consult factory (dependent on header configuration)
<b>Operating speeds</b>		
Max. opening (in/s)	80	80
Closing approx. (in/s)	20	20
<b>Thermal insulation</b>		
U-value (metric) in W/(m <sup>2</sup> K)	1.04	4.41
U-value (imperial) in BTU/(h·ft <sup>2</sup> ·°F)	0.18	0.77
<b>Panel</b>		
Solid 1-5/8" (42 mm) thick x 9" high aluminum C0 anodized - uninsulated	●	-
Complete view (CV) 1-5/8" (42 mm) thick x 10" high smooth C0 anodized	-	●
Custom paint - Powder-coated - Any RAL color	○	○
<b>Vision - Double-pane with Duratec® coating</b>		
Clear	-	●
Tinted (Smoke Gray or Obscured White)	-	○
<b>Guide Tracks and protection device</b>		
Galvanized steel 13" wide x 12-1/8" projection with built-in light curtain	●	●
<b>Hood - galvanized</b>		
	○	-
<b>Operation</b>		
Direct drive	●	●
Tandem hurricane shutter - Under lintel	-	●
Tandem hurricane shutter - Above lintel	-	●
Tandem hurricane shutter - Exterior mount	-	●
<b>Electrical requirements - Speed Guardian™ models</b>		
Standard: 3-phase 208 v to 575 v	●	●
Optional: 1-phase 230 v	○	○
Optional: Step-up transformer	○	○
<b>Electrical requirements - Tandem Shutter</b>		
	Consult factory	
<b>Control</b>		
Standard: Smart Start™ NXT NEMA 4X	●	●
Optional: HFCB NEMA 3 Smart Start™ 1-phase (230 v only)	○	○
<b>Emergency opening</b>		
Chain hoist	●	●

\* For wider door openings - Consult factory

Innovative Door Systems

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Environmental commitment has been part of our corporate culture for decades. From our manufacturing processes to the products we make.

In everything we do we strive to minimize energy and use of resources through efficient processes, long-lasting quality and innovative engineering.

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