



**DASMA**  
Door & Access Systems  
Manufacturers Association  
International

COMMERCIAL & RESIDENTIAL GARAGE DOOR DIVISION

# TECHNICAL DATA SHEET

## #181

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## General Code Inspection Guidelines for Wind Load

**WARNING:** VISUALLY inspect components under spring tension, such as spring anchor brackets and parts to which cables are attached; DO NOT TOUCH. These components are under extreme tension. If such part appears to be loose, the building owner should be advised to contact a trained door systems technician to take corrective action.

The following guidelines are intended for a code official performing a final inspection on an installed garage door system with a focus on wind-rated doors. The inspection is meant to be general, and relatively brief in nature, and is intended to quickly spot any deviation from either the code or the manufacturer's wind load drawing.

### NOTES:

1. Do not rely on a wind load label alone. Garage doors are site-installed products and share common components that can be configured in various ways and quantities to achieve different wind load resistance.
2. The supporting structure is the responsibility of the building contractor or building architect/engineer, not the door installer or the door manufacturer.

Important: Any checklist item answered "No" should be resolved, either through the manufacturer or through a trained door systems technician.

**This TDS should be used in conjunction with TDS 151, *General Code Inspection Guidelines for Sectional Garage Doors*.**

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**Note: Technical Data Sheets are information tools only and should not be used as substitutes for instructions from individual manufacturers. Always consult with individual manufacturers for specific recommendations for their products and check the applicable local regulations.**

This Technical Data Sheet was prepared by the members of DASMA's Commercial & Residential Garage Door Division Technical Committee. DASMA is a trade association comprising manufacturers of rolling doors, fire doors, grilles, counter shutters, sheet doors, and related products; upward-acting residential and commercial garage doors; operating devices for garage doors and gates, sensing devices, and electronic remote controls for garage doors and gate operators; as well as companies that manufacture or supply either raw materials or significant components used in the manufacture and installation of the Active Members' products.

**General Code Inspection Guidelines for Wind Load Rated Garage Doors**

#	Subject	Item to check	Yes	No
1	Drawings	Installation instructions and associated wind load details are available.		
2	Design Pressure/Impact resistance	Wind load design pressures meet the requirements for the location. Compare label to what is published on the wind load drawing. If impact resistance is required for the location, confirm the door is impact rated.		
3	Door ID	Model number or manufacturing code is clearly indicated.		
4	Wind Load Label	Wind load label states design loads, impact resistance, wind load drawing number and, if applicable, approval number.		
5	Door Size	Door size is less than or equal to the door size shown on the drawing.		
6	Door Reinforcement	Door reinforcement matches the drawing. (Location of reinforcement, size and quantity; fastener size, type and quantity.)		
7	Vertical Stiles	Stile type (end, center) and quantity match the drawing.		
8	Hinges	Hinge type and quantity matches the drawing.		
9	Rollers	Roller type and quantity matches the drawing. Roller retainers were installed per the drawing.		
10	Lock	If door is manually operated and requires a lock, a lock is present.		
11	Vertical Track Brackets/Clips	Type and quantity of track brackets/clips matches the drawing.		
12	Track Fasteners	Bracket/clip fastener spacing and quantity matches the drawing.		
13	Glazing	(If applicable) Glazing should match type and size published on the wind load drawing.		
14	Vertical Posts	(If applicable) Vertical posts have been supplied to match the drawing.		
15	Jamb Fasteners	Jamb-to-structure fasteners and quantity matches the drawing. Edge distances have been verified. (Note: TDS 161 can be used to check fastener spacing.)		

**Comments:**


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**Inspected by:** \_\_\_\_\_**Representing:** \_\_\_\_\_**Address:** \_\_\_\_\_**Phone #:** \_\_\_\_\_**Signature/Date:** \_\_\_\_\_

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