



Door & Access Systems  
Manufacturers Association  
International

HIGH PERFORMANCE DOOR DIVISION

# TECHNICAL DATA SHEET

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#460

## CSI MasterFormat and High Performance Doors

### Introduction

The Construction Specifications Institute (CSI) publishes a MasterFormat standard to enhance consistent and clear communication to the construction industry. The purpose of this Technical Data Sheet is to provide guidance to MasterFormat users on applying relevant sections to rolling, sliding and folding high performance doors and high speed doors. For the development of this TDS, the 2020 MaterFormat version was used.

### Definitions

DASMA defines the terms “high performance door” and “high speed door” as follows:

**High Performance Door.** A power-operated rolling, folding or sliding non-residential door, generally characterized by either 100 or more cycles per day or 20 or more inches per second opening speed, and typically made-to-order and/or designed for higher durability, and/or designed to break away due to equipment impact.

**High Speed Door.** A type of high performance door with a minimum opening rate of 32 inches per second, a minimum closing rate of 24 inches per second, and a means to automatically reclose the door.

The use of these definitions within the construction industry is encouraged.

### Applicable MasterFormat Sections

#### 1. Rolling (“Overhead Coiling”) doors

Performance, fire resistance, and other characteristics of overhead coiling doors are described under Section 08 33 00. With respect to high performance doors, any door section to which those

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This Technical Data Sheet was prepared by the members of DASMA's High Performance Door Division. DASMA is a trade association comprising manufacturers of high performance 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.

characteristics could be applied is relevant. High performance doors are specified in Sections 08 33 23 (Level 3) and high speed doors are specified in 08 33 23.13 (Level 4).

- 08 33 00 Coiling Doors and Grilles
  - 08 33 13 Coiling Counter Doors
  - 08 33 16 Coiling Counter Grilles
  - 08 33 23 Overhead Coiling Doors**
    - 08 33 23.13 Overhead Rapid Coiling Doors**
      - 08 33 26 Overhead Coiling Grilles
      - 08 33 33 Side Coiling Doors
      - 08 33 36 Side Coiling Grilles
      - 08 33 43 Overhead Coiling Smoke Curtains
      - 08 33 44 Overhead Coiling Fire Curtains

## 2. Sliding Doors

High performance doors are specified under the appropriate door material section for sliding operation. The applicable section for any sliding door (fully glazed, partially glazed, and non-glazed high performance / high speed doors) should be specified as a work result characteristic in Sections 08 13 73 for non-glazed sliding doors and 08 18 16 for glazed sliding doors. Please note that neither of these doors are referenced as rapid as listed in the coiling door section.

- 08 13 00 Metal Doors
  - 08 13 13 Hollow Metal Doors
  - 08 13 16 Aluminum Doors
  - 08 13 19 Stainless Steel Doors
  - 08 13 23 Bronze Doors
  - 08 13 73 Sliding Metal Doors**
  - 08 13 76 Bifolding Metal Doors

- 08 18 00 Glass Doors
  - 08 18 13 Swinging Glass Doors
  - 08 18 16 Sliding Glass Doors**
  - 08 18 19 Bifolding Glass Doors

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### 3. Folding Doors

High performance doors are typically panel doors. They are appropriately specified in Section 08 35 13.33, a Level 4 title, as a work result characteristic.

08 35 00 Folding Doors and Grilles

08 35 13 Folding Doors

08 35 13.13 Accordion Folding Doors

08 35 13.23 Accordion Folding Fire Doors

**08 35 13.33 Panel Folding Doors**

08 35 16 Folding Grilles

### Conclusion

Users of CSI MasterFormat should also refer to DASMA Technical Data Sheet #454, Guide Specification for High Performance Doors, to help enhance the specification language developed for the applicable type of high performance door or high speed door. DASMA Technical Data Sheet #451 is also a helpful resource for terminology involving those doors.

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