



DASMA
Door & Access Systems
Manufacturers Association
International

HIGH PERFORMANCE DOOR DIVISION

TECHNICAL DATA SHEET

#457

1300 Sumner Avenue
Cleveland, Ohio 44115-2851
Phone: 216-241-7333 • Fax: 216-241-0105
E-mail: dasma@dasma.com

UL 325 and High Performance Doors

Introduction

The definition of a high performance door, as produced by door manufacturers eligible for membership in DASMA, is the following:

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.

This Technical Data sheet intends to help clarify how the UL 325 standard can apply to this type of door.

UL 325

UL 325 is a safety standard primarily intended to provide provisions to help protect individuals from becoming trapped under a moving motor-operated door. The standard features requirements involving devices such as inherent reversing mechanisms, photoelectric eyes, and sensing edges.

Compliance Requirements

There are no Federal regulations involving UL 325 and non-residential installations. The 2009 International Building Code and later, where adopted, requires that "automatic garage door openers" comply with UL 325. For high performance doors, UL 325 requirements may or may not be required per a job specification, insurance requirement, local ordinance, OSHA involvement, or request from a building owner.

Door Manufacturer Involvement

In the absence of any compliance requirements, individual door manufacturers decide which of their products, if any, will be UL 325 compliant. "Compliant" is meant to indicate that the high performance door is equipped and meets the requirements of UL 325 but is not "listed and labeled" by an independent agency. Door manufacturers may or may not choose to list and label products that are compliant. For such compliance, manufacturers will choose the types of entrapment protection means to suit the high performance characteristics of each door and the application for which each is intended. They assess the typical application requirements of their doors and provide specific design solutions to suit such applications.

Installations

Installers must follow the door manufacturers' installation instructions involving entrapment protection features. If the door is listed and labeled to UL 325, there are terms and conditions that are typically integrated into the instructions.

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 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.