

# Doors used for Smoke Control

## Information Bulletin 462



Eggers Industries

Date: March, 2013

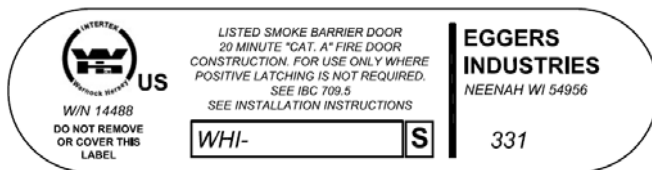
Smoke Barriers and Smoke Partitions are terms used in the building codes to define two different applications.

Typically doors in smoke barriers are rated doors however there is an exception for a specific non-latching cross-corridor double-egress application. When we used the term smoke barrier door or smoke barrier label we are referring to this exception.

Smoke partitions are non-rated and the doors protecting their openings are non-rated. They are however required to be self-closing and gasketed to meet air leakage requirements.

The table below compares the door allowed for the smoke barrier exception and smoke partition doors.

	Smoke Barrier Door	Smoke Partition Door
<b>Intended Use</b>	Double egress pairs installed across a rated egress corridor, healthcare	Non-rated partitions where smoke control is required
<b>Closing</b>	Requires self-closing hardware	Requires self-closing hardware
<b>Latching</b>	Push-Pull hardware allowed in lieu of self-latching hardware	Typically requires self-latching hardware, but it does not have to be machined under label inspection
<b>Construction</b>	20-minute constructed – leaf sizes, glazing, construction, clearances all per fire door approvals	Non-rated construction and glazing; restriction based on warranty not approvals
<b>Labeling</b>	Warnock Hersey has a special label for this (see sample below); not available with a UL label	Non-Agency Eggers label (see sample below)



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 Door Frames, Plywood  
 Veneered Components

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Flush Doors

Neenah Division  
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 Neenah, WI 54956  
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Architectural Veneer Faces,  
 Custom Wood Products,  
 Plywood

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