



# Product Update

JULY 25, 2019

#P146F

Revision 01

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Applies to Flush doors

## TEMPERATURE RISE RATINGS

A temperature rise rating on a fire-rated door is achieved by measuring the temperature of the unexposed face of a fire door after thirty (30) minutes of exposure to a standard fire test.

Fire doors in stairwell enclosures are allowed a maximum temperature rise rating of 450 degrees Fahrenheit (450° F) per NFPA-80. All VT 45-, 60-, and 90-minute fire doors have a temperature rise rating of 250 degrees Fahrenheit (250° F) where lights do not exceed 100 square inches. The lower the temperature after thirty (30) minutes of exposure, the better.

Twenty-minute fire doors do not have a temperature rise rating because they are only exposed to the fire test for twenty (20) minutes.

45-90 Minute fire doors with fire protective glazing over 100 square inches will not have a temperature rise rating. However, the fire door will maintain the hourly fire rating listed on the fire label.