



## LISTING INFORMATION OF

# McKEON Series T2000/T5000/TU5000 Vertical Rolling Steel Fire Door with Integral Proprietary Swing Doors

SPEC ID: 29544

McKEON 44 Sawgrass Drive Bellport, NY 11713 United States

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## LISTING INFORMATION

FIRE RESISTANT PRODUCTS & COMPONENTS
DOORS - ROLLING STEEL
Product Covered

Series T2000/T5000/TU5000\*.

## **Product Description**

**Non-insulated:** Vertical rolling steel fire door assembly with integral swinging doors for installation in gypsum and structural steel stud, gypsum-protected CLT (see limitations below), or masonry construction. May incorporate vision panels.

Fire Resistance Rating: 3 Hour

**Insulated:** Vertical rolling steel fire door assembly with integral swinging doors for installation in gypsum and structural steel stud, gypsum-protected CLT (see limitations below), or masonry construction. May incorporate vision panels.

Fire Resistance Rating: 3 Hour

## **Temperature Rise Ratings:**

- 650 degree Fahrenheit maximum temperature rise rating at 30 minutes when used singly in a masonry, gypsum-protected CLT (see limitations below), or drywall and structural steel stud opening.
- Please note, if an Integral Proprietary Swinging Door is used in conjunction with the McKeon Series T2000, T5000 or TU5000 Vertical Rolling Steel Fire Doors, the integral swinging doors must also bear a temperature rise rating equal to or better than the respective temperature rise ratings noted above.
- Fire Resistance Rating: 90 Minutes (Unit Used Singly)

## **AIR LEAKAGE RATINGS**

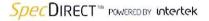
Test Standard	Test Type	Rating <sup>a</sup>
UL 1784	Ambient Temperature	≤3.0 cfm/ft <sup>2</sup> at up to 0.10 in. of w.c.
UL 1784	Elevated Temperature	≤3.0 cfm/ft <sup>2</sup> at up to 0.10 in. of w.c.

<sup>a</sup>These assemblies were evaluated **without the use of an artificial bottom seal.** When installed with the manufacturer-provided brushes and neoprene bottom seal, they may be installed in areas where pressurization is provided to control smoke movement in accordance with Section 4.3.2 of NFPA 105 and for hoistway opening protection and lobby doorways as allowed in Chapter 30 of the IBC. For installations exclusive of hoistway opening protection and lobby doorways, and where pressurization is not used to control smoke movement, seals at the bottom edges of the assemblies are optional.

## CODE COMPLIANCE RESEARCH REPORT

Evaluation Method	Building Code	CCRR Number

<sup>\*</sup>TU5000 pair swinging doors require 4 point latching.



NFPA 252	2021, 2018, and 2015 IBC	CCRR-1086
UL 10B	2021, 2018, and 2015 IFC	
UL 1784	2023, 2020 FBC	
	2022 CBC	
	2023 LABC	

## **SIZE LIMITATIONS**

Certification Procedure	Maximum Area	Maximum Width	Maximum Height
LABEL	156 sq ft	13'-0"	12'-0"
CERTIFICATE/LABEL	unlimited*	unlimited*	unlimited*

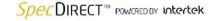
<sup>\*</sup>The AHJ may approve "oversize" doors with no size limitation based on an oversized certificate/label that states the door supplied is constructed in accordance with the certified design except for the size.

## **INSTALLATION LIMITATIONS**

Assemblies may be installed in gypsum with structural steel stud, masonry, or gypsum-protected Cross Laminated Timber (CLT) walls. When installed in gypsum-protected CLT walls, the following conditions apply:

- Supporting CLT wall must be fire-resistance-rated in accordance with the code.
- Noncombustible protection shall be in accordance with the code, but not less than:
  - Two layers of 5/8-inch Type X gypsum per face for walls required to have a fire-resistance rating of 2 hours or less.
  - Three layers of 5/8-inch Type X gypsum per face for walls required to have a fire-resistance rating of 3 hours or more.
- Assemblies bearing a fire-protection rating of 90 minutes or less shall be designed with an additional sacrificial 1 inch of anchorage embedment depth or be through-bolted.
- Assemblies bearing a fire-protection rating of 2 or 3 hours shall use through-bolted anchorage.

Value		
December 31, 2025		
March 29, 2019		
WHI19-20384303		
Yes		
NFPA 252 (2012)		
UL 1784 (2015)		
CAN / ULC S104 (2015) (R2020)		
UL 10(b) (2008) (R2015)		
08 11 00 Metal Doors and Frames		
08 30 00 Specialty Doors and Frames		
08 35 13.23 Accordion Folding Fire Doors		
3 Hour Fire Rated		
90 Minute Fire Rated		



Intertek Services Certification

Intertek Services Code Compliance Research Report

Issue Status 9

Listed or Inspected LISTED

Listing Section DOORS - ROLLING STEEL

Listing Section SMOKE CONTROL DOOR ASSEMBLIES

Report Number 14376-231, 3064271, 3095113, 3188620, 100506561, 100904711,

102273405, 105476021, 105850951

Spec ID 29544

Temperature Rise @ 30 Min = 650° F MAX Where Lites Do Not Exceed 100 IN2

Verification Testing No