

AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report(s). This authorization also applies to the Multiple Listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The Certification Mark(s) may be applied only at the location of the Party Authorized to Apply Mark.

Applicant: McKeon Rolling Steel Door Company, Inc. dba McKeon Door Company
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Party Authorized to Apply Mark: See following page(s)

Evaluation Center: Intertek (Middleton)

Client Number: 203843

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Authorized By: 
Jean-Philippe Kayl, Director of Certification

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This document supersedes all previous Authorizations to Mark for the noted Report Number.

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| | |
|-----------------------------|--|
| Testing Standard(s): | UL 1784 (2015), UL 10(b) (R2015), NFPA 252 (2017) |
| Product: | McKeon Model D400 90 Minute Opening Protective Assembly with Hose Stream |

ATM for Report: 104353762, 104431910

ATM Issue Date: 2/24/2021

Listing Section(s): MISCELLANEOUS FIRE BARRIERS
SMOKE CONTROL DOOR ASSEMBLIES

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CSI Code(s): 08 30 00 Specialty Doors and Frames

Description:

McKeon Model D400 90 Minute Opening Protective Assembly with Hose Stream.

FIRE RATINGS

| Test Standard | Rating ^a |
|------------------|-----------------------------|
| UL 10B, NFPA 252 | 90 minutes with hose stream |

^aAssembly must be installed in a listed steel stud/gypsum or masonry wall matching or exceeding the desired door rating.

AIR LEAKAGE RATINGS

| Test Standard | Test Type | Rating ^{b,c} |
|---------------|----------------------|--|
| UL 1784 | Ambient Temperature | ≤3.0 cfm/ft ² at up to 0.10 in. of w.c. |
| UL 1784 | Elevated Temperature | ≤3.0 cfm/ft ² at up to 0.10 in. of w.c. |

^bThis assembly was evaluated with an artificial bottom seal. The assembly is not to be installed in areas where pressurization is provided to control smoke movement in accordance with Section 4.3.2 of NFPA 105 (2019) or for hoistway opening protection and lobby doorways where prohibited in Chapter 30 of the 2018 IBC.

^cA pair of two-inch brushes are required at the headbox and a single one-inch brush is required at each side guide to meet air leakage ratings. Brushes must be listed & labeled for fire applications.

MAXIMUM SIZE LIMITATIONS***

| Certification Procedure | Area | Width | Height |
|------------------------------|------------|--------|--------|
| LABEL* | 120 sq ft | 12' 0" | 10' 0" |
| OVERSIZE CERTIFICATE/LABEL** | 3200 sq ft | 80' 0" | 40' 0" |

*Assemblies exceeding these dimensions must have an oversize label, issued by Intertek, stating the assembly is constructed in accordance with the certified design except for size. Acceptance of the oversize assembly is at the discretion of the Authority Having Jurisdiction.

**Maximum size is based on manufacturing capabilities for an assembly consisting of a single roller and single curtain.

***Fire only assemblies do not have a minimum size.

MINIMUM SIZE LIMITATIONS (UL 1784 ONLY)

| Area | Width | Height |
|----------|-------|--------|
| 49 sq ft | 7' 0" | 7' 0" |

Minimum Bottom Bar weight: 3.6 lbs per ft. or 0.3 lbs per sq ft. of curtain area

No curtain overlap or egress openings allowed.

Side Guide Anchorage: 1/4" anchors spaced maximum 18" on-center

Top Hood/Assembly Mounting: maximum 24" on-center

Party(s) Authorized by Manufacturer To Apply Mark:
None

Party(s) Authorized by Other Parties To Apply Mark:
None

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