

NAMI LISTING REPORT FOR FIRE DOOR & WINDOW FRAMES



Certification No.:	<u>NI012913.01-R2Page 1</u>
Date:	<u>10/19/2015</u>
Program:	<u>Fire</u>
Company:	<u>Dyke Industries</u>
Code:	<u>452-1</u>
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To verify that the “Notice of Product Certification” is valid, please visit www.NAMICertification.com to assure that the product is active and currently listed. This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. Please review and advise NAMI if any corrections are required to this document.

Company: **Dyke Industries**
10500 Northwest 95th Avenue
Medley, FL 33178

Product: **90 Minute Positive Pressure Fire Door Assemblies**

Section 1: Test Standards & Reports

The applicable standards that this product and components were tested to include:

NFPA 252 (2008)
UL 10B (2009)
UL 10C (2009)
UBC 7-2 (1997)
CAN ULC S104 (2010)

Applicable test reports and engineering evaluations include:

Intertek Test Report No: 100108677COQ-001
Intertek Test Report No: 100211525COQ-001
Intertek Test Report No: 100754937MID-001
Intertek Test Report No: J20012862-231
Intertek Test Report No: 3150506MID-004
Intertek Test Report No: 3025659

Section 2: Product Description

The following specified manufacturer fire door assemblies are authorized for single and/or double swing installation in 90 minute locations, positive pressure without hose.

Authorized Manufacturer Specific Fire Door Assemblies Size & Configurations			
Product	Report #	Single or Double	Maximum Size
Jeld-Wen 24 Gauge Steel Door	100108677COQ-001, 100211525COQ-001, 100754937MID-001, J20012862-231, 3150506MID-004, 3025659	Single Swing	3'0" x 8'0"
Jeld-Wen 24 Gauge Steel Door	100108677COQ-001, 100211525COQ-001, 100754937MID-001, J20012862-231, 3150506MID-004, 3025659	Single Swing	3'6" x 7'0"
Jeld-Wen 24 Gauge Steel Double Doors	100108677COQ-001, 100211525COQ-001, 100754937MID-001, J20012862-231, 3150506MID-004, 3025659	Double Swing	6'0" x 7'0"

Section 3: Rating

Overall Rating: 90 Minute, Positive Pressure, without hose stream.
 Fire Resistance: 90 Minute w/o Hose Stream-Positive Pressure (PP)
 Category: Category B Doors – Additional edge sealing required
 Minimum Latch Throw: ½"
 Frame Options: May be installed in listed and labeled steel frames approved for use with 90 minute rated, positive pressure doors.
 Swing: Single or double swing as specified in Section 2.

Section 4: Limitations

Limitations include: Single and double swing installations as specified in Section 2;
Must be installed in accordance with the original manufacturer's installation instructions and Section 4 and 6 of the NFPA 80;
Mortise or cylindrical latches, up to 2.75" backset;
Mortise or surface mounted rim type fire exit device allowed;
Automatic or manual flush bolts allowed;
Surface mounted vertical rod fire exit devices allowed;
Surface mounted door closer allowed;
Surface mounted door bottoms allowed;
Door bottom sweeps allowed;
Viewers allowed;
Vision panels allowed;
Protection plates allowed;
Standard pairs require 3-point or 4-point latching w/metal edge and astragals.

Section 5: General Description of the Products and Components Tested

Components:

Product	Report #	Panel	Core	Stile/Rail	Max Width	Max Height	Min Thick	Hinge Quantity	Bore	Backset	Throw
Jeld-Wen 24 Gauge Steel Door	100108677COQ-001, 100211525COQ-001, 100754937MID-001, J20012862-231, 3150506MID-004, 3025659	24G Steel	Prop. Foam	Steel	36"	96"	1.69"	(4) 4" x 4" x 0.085" Steel Butt	2.125"	2.75"	0.50"
Jeld-Wen 24 Gauge Steel Door	100108677COQ-001, 100211525COQ-001, 100754937MID-001, J20012862-231, 3150506MID-004, 3025659	24G Steel	Prop. Foam	Steel	42"	84"	1.69"	(4) 4" x 4" x 0.125" Steel Butt	2.125"	2.75"	0.50"
Jeld-Wen 24 Gauge Steel Double Doors	100108677COQ-001, 100211525COQ-001, 100754937MID-001, J20012862-231, 3150506MID-004, 3025659	24G Steel	Prop. Foam	Steel	72"	84"	1.69"	(4) 4" x 4" x 0.125" Steel Butt	2.125"	2.75"	0.50"

Abbreviations:

- Prop.- Proprietary
- Comp.- Composite
- NS – Not Specified
- BH – Builders Hardware
- LVL – Laminated Veneer Lumber
- GS – Galvanized Steel
- MDF – Medium Density Fiberboard
- EPS – Expanded Polystyrene

Section 6: Listing Information

The assemblies associated with this listing contain the listed/tested components as stated. These components have been designated and approved for these product assemblies.

Section 7: Construction Details

All components must be listed and labeled in accordance with NFPA 80 in order to be used in the construction of this assembly.

- Size(s): 36" wide x 96" high x 1.69" thick
42" wide x 84" high x 1.69" thick
72" wide ((2) 36" panels) x 84" high x 1.69" thick
- Hinges: (4) Listed 4' x 4" x 0.085" steel butt (36" x 96" single only)
(4) Listed 4' x 4" x 0.125" steel butt
Per NFPA 80
- Latch sets: Cylindrical or mortise
Maximum backset of 2.75"
Maximum bore of 2.125"
Minimum latch throw of 0.050"
Two-and-a-half and triple locks requires 1.74" x 2.87" x 5" x 18" wood
(SG = 0.32") lock block
- Exit Devices: Surface mounted vertical rods allowed.
Mortised or surface mounted rim exit devices allowed.
- Door Closer: Surface mounted door closer allowed.
Through bolt is required without inner blocking.
- Deadbolt: Maximum bore of 2.125"
Shall be located a minimum of 4" centerline deadbolt to centerline latch set, unless interconnected.
Second deadbolt may be located a minimum of 4" centerline deadbolt to centerline latch set. The uppermost deadbolt with the centerline located a maximum of 51" above the sill.
Listed and labeled inter-connected dead bolt and latches allowed.
- Edge Seal: Pemko S88
- Protection Plate: Maximum height of 16"
- Viewers: Maximum hole diameter of 1". Viewers shall be listed and labeled for use with foam filled positive pressure fire door assemblies.
- Bolts: Surface mounted manual bolts
Automatic or manual flush bolts
- Thresholds: Afco A-125 or Afco P2000 w/ or w/o extender or 90 minute listed and labeled threshold.
- Door Bottom: Listed and labeled surface mounted door bottom
- Door Bottom Sweep: Afco DD-354-FR door bottom sweep or 90 minute listed and labeled door bottom sweep
- Optional Raceway: 0.375" diameter maximum.

Section 7: Construction Details (cont'd)

Vision Panels: Listed and labeled metal light kits w/ maximum visible area of 100" square inches. Light kit and glazing shall be listed and labeled for use in foam filled positive pressure fire door assemblies.
10" maximum visible width
33" maximum visible height
5" minimum distance to edge of door
Vision panel cutouts shall be reinforced with steel metal channel

Section 8: General Information

Installation must be in accordance with NFPA-80 and Manufacturer's Instructions. Installation instructions shall be provided to the installer by the licensed machiner or the manufacturer. The instructions may be attached to the door frame with staples or with adhesive-backed label. The instructions shall contain at a minimum, the following information:

- * Trimming for height may be done on the bottom of the rail only (per NFPA 80, maximum trim 19.0mm or 3/4" allowed on site).
- * Trimming for height is not allowed for Steel Doors.
- * Surface mounted hardware must be attached with through-bolts unless interior blocking is provided.
- * A maximum 3.2mm (1/8") clearance between the frame and door is allowed.
- * A maximum 3.2mm (1/8") clearance between the top leaf and the bottom leaf of dutch door, or transom and door, or between leaves of pairs, is allowed.

Section 9: Additional Locations Approved for Listing/Labeling

Dyke Industries
10500 Northwest 95th Avenue
Medley, FL 33178

Dyke Industries
6600 Best Friend Road
Atlanta, GA 30071

Dyke Industries
9815 Brookford Street
Charlotte, NC 28241

Dyke Industries
2011 Maryland Circle
Tallahassee, FL 32303

Section 10: Labeling

The NAMI Certification Mark shall be applied to each product that conforms to certification and procedural guidelines as outlined by NAMI. The product is not listed unless the authorized certification mark and information has been applied.

The label applied to this product shall contain the NAMI symbol, the word "Listed" under the NAMI symbol and the following additional information:

90 Minute Fire Door
Tested Without Hose Stream
Double or Single Swing Door
Minimum Latch Throw-1/2 Inch
NFPA 252 (2008)
UL 10B (2009)
UL 10C (2009)
UBC 7-2 (1997)
CAN ULC S104 (2010)



NAMI Authorized Signature

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