

NAMI LISTING REPORT FOR FIRE DOOR & WINDOW FRAMES



Certification No.:	<u>NI014033.01-R2Page 1</u>
Date:	<u>04/30/2018</u>
Program:	<u>Fire</u>
Company:	<u>Orepac</u>
Code:	<u>1234-1</u>
Revision Date:	<u>04/11/2024</u>
Expiration Date:	<u>04/30/2026</u>

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: **Orepac Building Products, Inc.**
30160 SW Orepac Avenue
Wilsonville, OR 97070

Product: **FyreWerks FC-20 Category B 20 Minute Positive Pressure Side-Hinged Door**

Section 1: Test Standards & Reports

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

UL 10(b) (2009)
CAN/ULC-S104 (2015)
UL 10(c) (2015)
NFPA 252 (2012)

Applicable test reports and engineering evaluations include:

Intertek Test Report No: 3073306
Intertek Test Report No: 3084820
Intertek Test Report No: 3144298COQ-003
Intertek Test Report No: 3159384COQ-002
Intertek Test Report No: 3156802COQ-004
Intertek Test Report No: 3181657COQ-006
Intertek Test Report No: 3179089COQ-003
Intertek Test Report No: 10015449MID-001
Intertek Test Report No: 102627269MID-001
Intertek Test Report No: 103096847MID-001

Section 2: Product Description

The following specified manufacturer fire door assemblies are authorized for single and double swing installation in 20 minute locations, positive pressure with hose stream.

Authorized Manufacturer Specific Fire Door Assemblies Size & Configurations			
Product	Report #	Single or Double	Maximum Size
FyreWerks FC-20 Category B 20 Minute Positive Pressure Side- Hinged Door	3073306, 3084820, 3144298COQ-003, 3159384COQ-002, 3156802COQ-004, 3181657COQ-006, 3179089COQ-003, 10015449MID-001, 102627269MID-001, 103096847MID-001	Single & Double Swing	4'0" x 8'0" (Single) 7'0" x 8'0" (Double)

Section 3: Rating

Overall Rating: 20 Minute, Positive Pressure, with hose stream
 Fire Resistance: 20 Minute w/Hose Stream-Positive Pressure (PP)
 Category: Category B Doors – Additional edge sealing required
 Minimum Latch Throw: 1/2"
 Frame Options: May be installed in listed and labeled steel or wood frames approved for use with 20-minute rated, positive pressure doors meeting ANSI-A155.1/UL-63 or per manufacturer’s specific listing.
 Swing: Single or double swing as specified in Section 2.

Section 4: Limitations

Limitations include: Single & double swing installations as specified in Section 2;
 Cylindrical or mortise locks allowed;
 Minimum 1/2" bolt throw;
 Cylindrical deadbolts allowed;
 Surface mount or mortised automatic door bottoms allowed;
 Surface mounted fire exit hardware allowed;
 Concealed vertical rod fire exit hardware allowed;
 Wire raceways allowed;
 Surface mounted or mortise flush bolts allowed;
 Surface mounted or mortised closers allowed;
 Plant-ons allowed;
 Astragals are optional;
 Face grooves and reveals are allowed on flush doors only;
 180° radius top allowed;
 Category B Doors – Additional edge sealing

required. This category includes doors evaluated with an edge-sealing system (Category G) field-applied to the labeled frame or door. The application of the edge-sealing system does not require any machining of the frame or door. Please refer to Category G edge sealing manufacturer for individual manufacturer's listings.;

Eligible for use in any "Category C - Standard" frame. These doors may also be installed in frames listed as "Category C - Proprietary" in the accordance with the frame manufacturer's instructions;

All doors listed in Category B are eligible to bear the "S" (for Smoke & Draft Control assemblies) if a listed "Category H - Smoke & Draft Control Gasket" has been applied to the assembly.

Please refer to Category H gasket manufacturer for individual gasket manufacturer's listings;

All doors in this category are identified by a label or marking bearing the wording, "Listed Fire Door", a time interval, a temperature rise rating, serial number, the NAMI Certification Mark and "UBC-7-2-97/UL 10C";

Meeting edges of double doors may require an astragal or edge-sealing system. Please refer to individual manufacturer door assembly instructions;

Hardware & glazing must be installed per NFPA 80;

Must be installed in accordance with the original manufacturer's installation instructions and Section 4 and 6 of the NFPA 80.

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
FyreWerks FC-20 Category B 20 Minute Positive Pressure Side-Hinged Door	3073306, 3084820, 3144298COQ- 003, 3159384COQ- 002, 3156802COQ- 004, 3181657COQ- 006, 3179089COQ- 003, 10015449MID- 001, 102627269MID- 001, 103096847MID- 001	Prop.	Prop.	Prop.	48” 84”	96” 96”	1.75”	(4) 4.5” Self-closing	NS	NS	1/2”

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.

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.
- * For Category B doors, a field applied Category G edge seal system is required.
- * Category B doors are eligible for smoke and draft qualification, if a Category H smoke and draft control gasket has been applied to the assembly.

Section 9: Additional Locations Approved for Listing/Labeling

Orepac Building Products
5500 Federal Way
Boise, ID 83716

Orepac Building Products
5050 Ironton Street
Denver, CO 80239

Orepac Building Products
2401 E. Philadelphia Street
Ontario, CA 91761

Orepac Building Products
8185 Signal Court
Sacramento, CA 95824

Orepac Building Products
4640 South 5400 West
West Valley City, UT 84120

Orepac Building Products
15120 East Euclid
Spokane, WA 99216

Orepac Building Products
9213 51st Avenue Southwest
Lakewood, WA 98496

Orepac Building Products
1411 South 47th Avenue, Ste 120
Phoenix, AZ 85043

Orepac Building Products
2267 Amsterdam Road
Belgrade, MO 59714

Orepac Building Products
30160 SW Orepac Avenue
Wilsonville, OR 97070

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:

20 Minute Fire Door
Positive Pressure
Tested With Hose Stream
Single & Double Swing Door
Minimum Latch Throw-1/2 Inch
UL 10(b) (2009)
CAN/ULC-S104 (2015)
UL 10(c) (2015)
NFPA 252 (2012)



NAMI Authorized Signature

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