



Wayne-Dalton
Division of Overhead
Door Corporation
P.O. Box 67
Mt. Hope, Ohio 44660
Phone 800-827-3667 (DOOR)
Fax 330-763-8042
www.Wayne-Dalton.com

June 16, 2026

Re: Evaluation Report for Models C20/C24/C2400/CX20/CX24/CX2400
FL 37359

SUBMITTED BY:

Wayne Dalton, A Division of Overhead Door Corporation
3395 Addison Drive
Pensacola, FL 32514

One Door Drive
P.O. Box 67
Mt. Hope, OH 44660

1. PRODUCT NAME

Models CX20/CX24/CX2400 and C20/C24/C2400

2. SCOPE OF EVALUATION

Structural Transverse Wind Loads and Large Missile Impact and Cyclic Wind Pressure Resistance.

3. USES

Models CX20/CX24/CX2400 and C20/C24/C2400 garage doors are used for commercial applications with specified allowable design pressures.

4. DESCRIPTION

General

Model CX20/CX24/CX2400 and C20/C24/C2400 series doors are sectional doors constructed of ASTM A653 CS Type B steel finished with an ASTM G-60 galvanized coating and covered with two coats of polyester paint.

Models CX24000 and C2400 has a minimum 25-gauge skin, Models CX24 and C24 has a minimum 24-gauge skin, and Models CX20 and C20 has a minimum 20 gauge skin.

Models CX20/CX24/CX2400 and C20/C24/C2400 series doors are 2-inch thick sections available in insulated or non-insulated panels.

Each section is reinforced with either 20-gauge or 16-gauge end and center stiles and connected together with 14 gauge center hinges and either 14, 13 or 11 gauge end hinges.

Aluminum full view section shall be constructed of 6063-T6 extruded aluminum. Each section shall be comprised of vertical and horizontal aluminum extrusions and may have a 2-1/4" integral fin across the section.



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Door Tracks

All door assemblies listed in this report have both vertical and horizontal tracks ranging from a minimum 15-gauge to maximum 12-gauge 33 ksi steel and finished with an ASTM A525 G-40 galvanized coating. The vertical tracks are attached to the supporting structure with wall angle as specified on the most recent manufacturer's installation instructions/drawings.

Glazed Sections

Non-impact resistant glazing is available with a minimum of 0.125-inch thick DSB glass windows that may be installed in the intermediate sections of the door, having a maximum height of 6.70" and a maximum length of 24.00".

Non-impact resistant aluminum full view sections with a minimum of 0.125-inch thick DSB glass windows may replace any section except the top and bottom sections. The glass panels will have a maximum height of 22.3" and a maximum length of 58.5".

Impact resistant glazing is available with a minimum of 0.25-in thick impact resistant polycarbonate windows that may be installed in the intermediate sections of the door, having a maximum height of 11" and a maximum length of 17".

Wind Load Bracing

All option code assemblies listed in Table 1 of this report are braced on the inside of the doors with either two-inch, three-inch, or four-inch horizontal spanning U-bars, six-inch horizontal spanning C- channels, or a combination thereof.

Two-inch U-bars are made of 20-gauge ASTM A653 steel with a minimum yield of 80 ksi and are finished with an ASTM A525 minimum G-40 galvanized coating.

Three-inch U-bars are made of either 18-gauge or 20-gauge ASTM A653 steel with a minimum yield of 80 ksi and are finished with an ASTM A525 minimum G-40 galvanized coating.

Four-inch struts are made of 16-gauge or 18-gauge ASTM A653 steel with a minimum yield of 50 ksi and are finished with an ASTM A525 minimum G-40 galvanized coating.

Refer to most recent manufacturer's installation instructions/drawings for the locations of the wind load bracing specific to each option code assembly.

Jamb Attachment

Method of securing the door to the mounting surface is listed in the most recent manufacturer's installation instructions/drawings or detailed in the Jamb Connection Supplement, P/N 363342.



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5. INSTALLATION

All drawings listed in this report are to be installed in accordance with the most recent manufacturer's published installation instructions/drawings and this report.

The most recent manufacturer's installation instructions/drawings shall be strictly adhered to and a copy of these instructions/drawings shall always be available on the job site during installation.

6. ALLOWABLE TRANSVERSE WIND LOADS

Design wind load pressures for garage doors shall be determined in accordance with section 1609 of the 2023 8th Edition Florida Building Code and shall not exceed the allowable transverse wind loads shown in Tables 1 and 2.

Table 1: Models C20/C24/C2400
Allowable Transverse Wind Loads and Impact Rating

Windload Specification Option Code	Drawing Number	Maximum Size		Positive Design PSF	Negative Design PSF	AFV Available	Glazing Available (Yes/No)
		Width	Height				
2060	365563	9'-4"	24'-1"	11.40	12.70	Yes	Yes
2061	365564	9'-4"	24'-1"	15.90	18.20	Yes	Yes
2062	365565	9'-4"	24'-1"	17.00	19.40	Yes	Yes
2063	365566	9'-4"	24'-1"	20.90	23.60	Yes	Yes
2064 ²	365567	9'-4"	24'-1"	28.40	32.20	Yes	Yes
2065 ²	365599	9'-4"	24'-1"	37.50	42.50	Yes	Yes
2066 ²	365568	9'-4"	24'-1"	44.00	49.80	Yes	Yes
2070	365569	10'-4"	24'-1"	11.70	13.30	Yes	Yes
2071	365570	10'-4"	24'-1"	15.90	18.20	Yes	Yes
2072	365571	10'-4"	24'-1"	17.00	19.40	Yes	Yes
2073	365600	10'-4"	24'-1"	20.90	23.60	Yes	Yes
2074 ²	365601	10'-4"	24'-1"	37.50	42.50	Yes	Yes
2075 ²	365572	10'-4"	24'-1"	44.00	49.80	Yes	Yes
2020	332577	12'-2"	24'-1"	11.40	12.70	Yes	Yes
2024	365573	12'-2"	24'-1"	20.90	23.60	Yes	Yes
2021	332578	12'-2"	24'-1"	23.70	26.60	Yes	Yes
2025 ²	365574	12'-2"	24'-1"	31.60	35.40	Yes	Yes
2026 ²	365575	12'-2"	24'-1"	44.00	49.80	Yes	Yes
2030	332571	14'-2"	24'-1"	11.40	12.70	Yes	Yes
2032	365576	14'-2"	24'-1"	15.90	18.20	Yes	Yes
2031 ²	332582	14'-2"	24'-1"	20.20	22.70	Yes	Yes
2040	332584	16'-2"	24'-1"	11.40	12.70	Yes	Yes
2041	332585	16'-2"	24'-1"	20.20	22.70	Yes	Yes
2046 ²	365579	16'-2"	24'-1"	31.60	35.40	Yes	Yes
2047 ²	365580	16'-2"	24'-1"	44.00	49.80	Yes	Yes
2050	332588	24'-2"	24'-1"	20.20	22.70	No	Yes
2052 ²	365577	24'-2"	24'-1"	31.60	35.40	No	Yes

Note:² The option code assemblies indicated in Table 1 have been tested for impact resistance.



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Table 2: Models CX20/CX24/CX2400
Allowable Transverse Wind Loads and Impact Rating

Windload Specification Option Code	Drawing Number	Maximum Size		Positive Design PSF	Negative Design PSF	AFV Available	Glazing Available (Yes/No)
		Width	Height				
2060	413116	9'-4"	24'-1"	11.40	12.70	Yes	Yes
2061	413117	9'-4"	24'-1"	15.90	18.20	Yes	Yes
2062	413118	9'-4"	24'-1"	17.00	19.40	Yes	Yes
2063	413119	9'-4"	24'-1"	20.90	23.60	Yes	Yes
2064 ²	413120	9'-4"	24'-1"	28.40	32.20	Yes	Yes
2065 ²	413121	9'-4"	24'-1"	37.50	42.50	Yes	Yes
2066 ²	413133	9'-4"	24'-1"	44.00	49.80	Yes	Yes
2070	413123	10'-4"	24'-1"	11.70	13.30	Yes	Yes
2071	413124	10'-4"	24'-1"	15.90	18.20	Yes	Yes
2072	413125	10'-4"	24'-1"	17.00	19.40	Yes	Yes
2073	413126	10'-4"	24'-1"	20.90	23.60	Yes	Yes
2074 ²	413127	10'-4"	24'-1"	37.50	42.50	Yes	Yes
2075 ²	413128	10'-4"	24'-1"	44.00	49.80	Yes	Yes
2020	413129	12'-2"	24'-1"	11.40	12.70	Yes	Yes
2024	412130	12'-2"	24'-1"	20.90	23.60	Yes	Yes
2021	413131	12'-2"	24'-1"	23.70	26.60	Yes	Yes
2025 ²	413132	12'-2"	24'-1"	31.60	35.40	Yes	Yes
2026 ²	413133	12'-2"	24'-1"	44.00	49.80	Yes	Yes
2030	412134	14'-2"	24'-1"	11.40	12.70	Yes	Yes
2032	413135	14'-2"	24'-1"	15.90	18.20	Yes	Yes
2031 ²	413136	14'-2"	24'-1"	20.20	22.70	Yes	Yes
2040	413137	16'-2"	24'-1"	11.40	12.70	Yes	Yes
2041	413138	16'-2"	24'-1"	20.20	22.70	Yes	Yes
2046 ²	413139	16'-2"	24'-1"	31.60	35.40	Yes	Yes
2047 ²	413140	16'-2"	24'-1"	44.00	49.80	Yes	Yes

Note:² The option code assemblies indicated in Table 1 have been tested for impact resistance.



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7. SUBSTANTIATING DATA

1. Test Report Numbers 072720E, 072720D, 072720C, 072720B, 072720A, 072120B, 072120B, 072720F, 072220A, 073020A, 011121C, 011121B, 011121A, 011321A, 011421A, 012021A, 011821A, 090320A, 010521B, 010521A, 010621B, 010621A, 093020A, 010721A, 092820A, 122920A, 123020A., 123020B, 092220A, 122220A, 121820A, 120820A, 101320A, 120320A, 111120A, 071620A, 070220B, 070820B, AETR-00837, AETR-00841, AETR-00842, AETR-00992, AETR-00993, AETR-01006, AETR-00856, AETR-01017, AETR-00850, AETR-00851, AETR-00763-3, AETR-00749, AETR-00760, AETR-00749, AETR-00760, AETR-01000, AETR-01028, AETR-01031, AETR-01032, AETR-01002, AETR-01042, AETR-00866, AETR-00872, AETR-01084, AETR-01064, AETR-01091, and AETR-01092 in accordance with ANSI/DASMA 108-2017 for transverse wind load and ANSI/DASMA 115-2017 for large missile impact resistance by Wayne Dalton, a Division of Overhead Door Corporation, 3395 Addison Dr Pensacola, FL. in accordance with ANSI/DASMA 108-2017 for transverse wind load and ANSI/DASMA 115-2017 for large missile impact resistance by Wayne Dalton, a Division of Overhead Door Corporation, 3395 Addison Dr Pensacola, FL.
2. The lab was accredited at the time of testing.
3. Installation instructions and supplemental data sheets prepared by Wayne Dalton, a Division of Overhead Door Corporation.

8. REPORT SUMMARY

Upon review of the data submitted by Wayne-Dalton, it is my opinion that the models as described in this report conform with or are a suitable alternative to the code standards and sections in the 7th Edition Florida Building Code listed in section 9 of this report.

9. LIMITATIONS

Any reference in this report to the manufacturer's "most recent" information is a direct reference to the most recent information submitted by Wayne Dalton, a Division of Overhead Door Corporation to the Florida Building Commission as part of their Florida Product Approval application for the drawings listed in Tables 1 and 2 of this report.

This evaluation report and the most recent installation instructions, when required by the building official, shall be submitted at the time of permit application.

The design of the supporting structural elements shall be the responsibility of the design professional for the building structure and in accordance with current building codes for the loads listed in Tables 1 and 2 of this report.

The doors shall not be in areas where the transverse wind loads exceed the allowable loads shown in Tables 1 and 2 of this report.

The garage door assemblies listed in Tables 1 and 2 of this report are not approved for use in the "High Velocity Hurricane Zone" as defined in the Florida Building Code.

10. IDENTIFICATION

Each Model series covered by this report shall be labeled with the manufacturer's name and/or trademark for field identification.



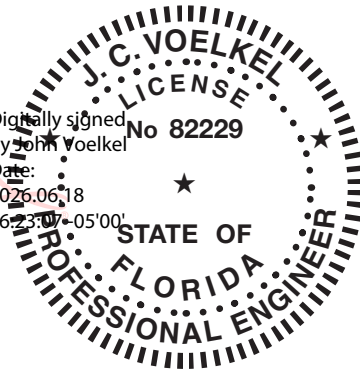
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Please feel free to contact me if you need any additional information.

Sincerely,

John
Voelkel

Digitally signed
by John Voelkel
Date:
2026.06.18
06:23:07 -05'00'



Christian Voelkel
FL PE 82229