MIAMI-DADE

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Raynor Garage Doors
1101 East River Road, P.O. Box 448
Dixon ,IL 61021

Your application for Notice of Acceptance (NOA) of:
Decade Series 9' Wide Residential Overhead Garage Door.
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-0804.02
EXPIRES: 08/21/2003

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 09/21/2000

Raynor Garage Doors.

ACCEPTANCE No.	:	**00-0804.02**
APPROVED	:	SEP 2 1 2000
EXPIRES	:	**08/21/2003**

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This approves a sectional steel garage door 9'-0" wide x 8'- 0" high, as described in Section 2 of this Notice of Acceptance (NOA), designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

The **Raynor Sectional Garage Door** and its components shall be constructed in strict compliance with the following documents: Drawing No P-1276, titled "SPEC. WINDLOAD DECADE SERIES 9' 0" WIDE (Max)" prepared by Raynor Garage Doors, drawn on 11/09/95, with last revision on 06/22/94, sheet 1 of 1. They bear the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimens were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 33,000 psi or more shall be used to make door panels for Dade County under this Notice of Acceptance.

4. INSTALLATION

4.1 The sectional steel garage door and its components shall be installed in strict compliance with the approved drawings.

4.2 The installation of this door does **not require** a hurricane protection system.

4.3 Units with dimensions equal to or smaller than those shown in the approved drawing shall qualify under this approval.

5. LABELING

Each door shall bear a **permanent** label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

6.1.2 Duplicate copies of the approved drawings as identified in Section 2 of this NOA, clearly marked to show the components selected for the proposed installation.

6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Candido Font, PE. Sr. Product Control Examiner
Product Control Division

Raynor Garage Doors.

ACCEPTANCE No.	:	00-0804.02
APPROVED	:	SEP 2 1 2000
EXPIRES	:	08/21/2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.

2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.

3. Renewals of Acceptance will not be considered if:
   a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
   b. The product is no longer the same product (identical) as the one originally approved.
   c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
   d. The engineer, who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.

4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.

5. Any of the following shall also be grounds for removal of this Acceptance:
   a. Unsatisfactory performance of this product or process.
   b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.

6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.

7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.

8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.

9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Candido Font, PE. Sr. Product Control Examiner
Product Control Division

JAMBS
2 X 6 #1 SYP JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN WITH 1/4" X 1-3/4" EMBED TAPCON 12" O.C. FOR DOORS UP TO 9'-0" WIDE [redacted].
BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH #5 BARS EXTENDING INTO FOOTING AND INTO THE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE BEAMS TO FOOTING.
[redacted].

JAMB CONSTRUCTION TO BE PROVIDED BY OTHERS.

STEEL SECTION
.023" THICK GALVANIZED STEEL ROLL-FORMED WITH EMBOSSED COLONIAL RAISED PANEL SIZE - 14 3/4 X 19 15/16
FINISHES:
1) BROWN, WHITE OR ALMOND BAKED ON POLYESTER ENAMEL
2) PRIME PAINTED
PROPERTIES
COMMERCIAL QUALITY, GRADE 33,000psi | G40.

ROUGH OPENING 9'-0"
FINISHED OPENING 8'-11"

2" | 15/16" | 2 3/4" | 1 7/16" | 2 1/4" | 1" | 2"

END STILE
18GA.(.043"MIN) GALVANIZED STEEL RIVETED AND SPOTWELDED TO PANEL.

CENTER STILES (MUNTINS)
18GA.(.043"MIN) GALVANIZED STEEL RIVETED AND SPOTWELDED TO PANEL.

SINGLE EDGE HINGE, COMMERCIAL
13GA.(.086"MIN) GALVANIZED STEEL

TRACK BRACKET
11GA.(.116"MIN) GALVANIZED STEEL
HEX HEAD LAG SCREW
5/16 X 1-3/4", (2) PER BRACKET
WHIZ LOCK NUT
5/16-18, (1) PER BRACKET
TRACK BOLT
5/16-18 X 3/4", (1) PER BRACKET
TRACK ROLLER
TEN (10) 1/4" STEEL BALLS IN HARDENED INNER AND OUTER RACES ON 7/16" DIA. STEEL SHAFT
TRACK
16GA.(.055"MIN) GALVANIZED STEEL

JAMB DETAIL
SCALE: FULL

SCREW, HEX WASHER HEAD
1/4" X 5/8" THREAD-FORMING, SELF-TAPPING, SIX (6) PER HINGE TYPICAL ALL EDGE HINGES

EDGE HINGE DETAIL
SCALE: 7/16" = 1"
(LH SHOWN; RH OPPOSITE)

2-5/8"

U-BAR STIFFENER
16GA.(.055"MIN) GALVANIZED STEEL

RABBET JOINT

CENTER HINGE, RESIDENTIAL
16GA.(.055"MIN) GALVANIZED STEEL

SCREW, HEX WASHER HEAD
1/4" X 5/8" THREAD-FORMING, SELF-TAPPING, FOUR (4) PER HINGE TYPICAL ALL HINGES

ASTRAGAL RETAINER
(ALUMINUM)

SINGLE CONTACT VINYL WEATHER SEAL

SECTION THRU DETAIL
SCALE: 7/16" = 1"

LAG SCREW, 5/16 X 1-3/4" (TYP)

HEADER

12" OR 15" RADIUS

JAMB ANGLE
ONE (1) REQ'D PER VERTICAL TRACK

VERTICAL TRACK
16GA(.055"MIN) GALV. STEEL

OPENING HEIGHT

24" | 24" | 12"

TRACK BRACKETS

TYPICAL TRACK INSTALLATION
SCALE: 1" = 12.5"

STEEL REINFORCEMENT
ONE (1) U-BAR PER SECTION
EXCEPT #3 SECTION (2) REQUIRED
FASTEN TO CENTER AND END STILES AS SHOWN

CORNER BRACKET DETAIL
SCALE: 7/16" = 1"
(LH SHOWN, RH OPPOSITE)

TOP FIXTURE
13GA.(.086"MIN) GALVANIZED STEEL FASTENED WITH (3) 1/4" X 5/8" THREAD-FORMING, SELF-TAPPING SCREWS

* OPTIONAL - EXTRA STILES MAY BE FIELD INSTALLED USING TWO (2) 5/32" POP RIVETS AT EACH PANEL RAIL

LIFTING CABLES
1/8" 7X7 PRE-FORMED GALVANIZED AIRCRAFT-TYPE CABLE. SAFETY FACTOR 5:1 (MIN)

8' 0" OPENING HEIGHT

7 1/2"

5/8" MIN

CORNER BRACKET
13GA.(.086"MIN) GALVANIZED STEEL FASTENED WITH (6) 1/4" X 5/8" THREAD-FORMING, SELF-TAPPING SCREWS

VENT OPENINGS MAY BE LOCATED IN DOOR IN A CONFIGURATION THAT WILL YIELD [redacted] 60 IN² TOTAL OPEN AREA.

SIDE LOCK
TWO (2) REQ'D PER DOOR. LOCATE OPPOSITE EACH OTHER TO ENGAGE EACH TRACK 5/8" MIN. (RH SIDE SHOWN).

INTERIOR ELEVATION
SCALE: 1" = 12.5"

LARGE MISSILE IMPACT RESISTANCE

DESIGN LOAD
+44 P.S.F.
-56 P.S.F.
[redacted]

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE September 21, 2000
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0804.02

JUL 26 2000

00-08.04.02

REV.	DESCRIPTION	ECN. NO.	DATE
A	REVISED		6-22-94

SCALE: NOTED
DRAWN BY: G. BEDEKIND
CHECKED BY: SM
DATE: 11/09/93
ECN. NO.:

GARAGE DOORS

TITLE: SPEC. WINDLOAD DECADE SERIES, 9' 0" WIDE (MAX)

NO. P-1276 SHEET 1 OF 1 REV A