



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

Efco Corporation
1000 County Road
Monett, MO 65708

Your application for Notice of Acceptance (NOA) of:

Series S5600 Pressure Plate Aluminum Curtain Wall System (w/HRG-2) - Impact.

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.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-1201.02
EXPIRES: 01/02/2006

**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: 05/24/2001



EFCO Corporation

ACCEPTANCE No.: 00-1201.02

APPROVED : MAY 24 2001

EXPIRES : January 02, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. DESCRIPTION OF UNIT

1.1 This **renews** the Notice of Acceptance No. **96-1219.01**, which was issued on January 02, 1998. It approves an aluminum flush glazed storefront system, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 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

2.1 The **Series S5600 Pressure Plate Aluminum Curtain Wall System (w/HRG-2)-Impact** and its components shall be constructed in strict compliance with the following documents: Drawing No **410 M. U.**, Sheets 1 through 4 of 4, dated 12/19/96, titled "S5600 Curtain Wall", prepared by manufacturer, bearing 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

3.1 This approval applies to multiple unit applications of an aluminum storefront system, limited only to the maximum height (span) and mullion spacing; for the Design Pressure Rating shown in approved drawing.

4. INSTALLATION

4.1 The aluminum storefront system and its components shall be installed in strict compliance with the approved drawings.

4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

5. LABELING

5.1 Each unit 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

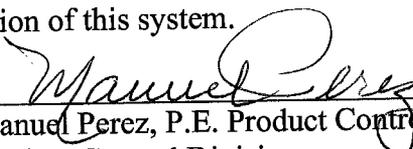
6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance

The Notice of Acceptance of series 35H storefront door, applicable to this storefront system."

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, 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.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

EFCO Corporation

ACCEPTANCE No.: 00-1201.02

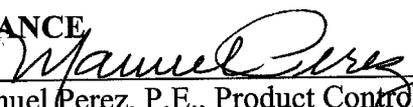
APPROVED : MAY 24 2001

EXPIRES : January 02, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, 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 Approved", 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



Manuel Perez, P.E., Product Control Examiner
Product Control Division

EFCO Corporation

ACCEPTANCE No.: 00-1201.02

APPROVED : MAY 24 2001

EXPIRES : January 02, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No 410 M. U., Sheets 1 through 4 of 4, dated 12/19/96, titled "S5600 Curtain Wall", prepared by manufacturer

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Large Missile Impact Test, SFBC PA 201-94
 - 5) Cyclic Loading Test, per SFBC PA 203-94
 - 6) Forced Entry Test, per SFBC 3603.2(b) and PA 202-94.

along with installation diagram of an aluminum out-swinging storefront system and storefront doors prepared by Hurricane Test Laboratory, Test Report No. HTL 0046-0906-96, dated 09/09/96, signed and sealed by Timothy S. Marshall, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by EFCO Corporation, dated 1/14/97, signed and sealed by Richard DiBlasi, P.E.

D. MATERIAL CERTIFICATIONS

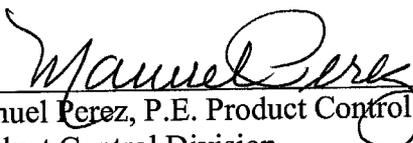
1. Notice of Acceptance No. 97-0527.03 issued to Viracon Inc. for "HRG Laminated Glass" dated 10/16/97, expiring on 10/16/00.

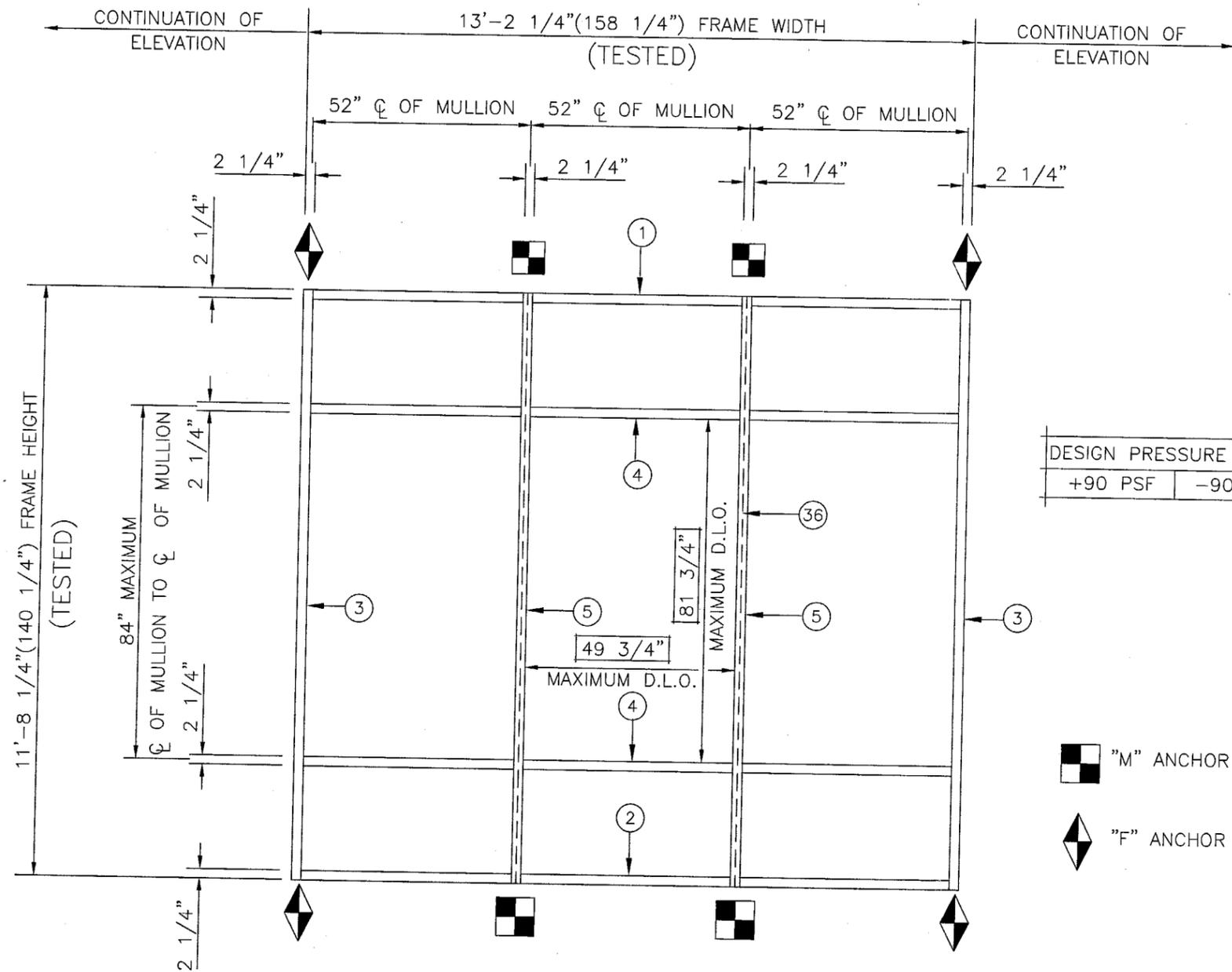
E. STATEMENTS

1. Statement letter of no financial interest, dated October 25, 1996, signed by Randy Lyman, P.E.
2. Letter from EFCO Corporation dated November 28, 2000, stating that the product has not changed since it was originally approved and that the engineer who performed the review of the product is still in the engineering business, signed by Randy Lyman, AAS.

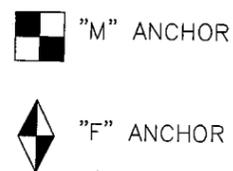
F. OTHERS

1. Notice of Acceptance No. 96-1219.01, issued to EFCO Corporation for their Series S5660 Pressure Plate Aluminum Curtain Wall System (w/HRG-2)-Impact, approved on 01/02/98 and expiring on 01/02/01.


Manuel Perez, P.E. Product Control Examiner
Product Control Division



DESIGN PRESSURE RATING	
+90 PSF	-90 PSF



S5600 CURTAIN WALL

ITEM	#REQ'D	PART#	DESCRIPTION	MFG.	DATE
1	3	5820	HEAD MULLION	EFCO	
2	3	5820	SILL MULLION	EFCO	
3	1/1	5820	JAMB MULLION	EFCO	
4	6	5820	HORIZONTAL MULLION	EFCO	
5	2	5820	VERTICAL MULLION	EFCO	
6	3	5851	HEAD PRES. PLT.	EFCO	
7	3	5851	SILL PRES. PLT.	EFCO	
8	1/1	5851	JAMB PRES. PLT.	EFCO	
9	6	5851	HORIZ. PRES. PLT.	EFCO	
10	2	5851	VERT. PRES. PLT.	EFCO	
11	3	5882	HEAD COVER	EFCO	
12	3	5882	SILL COVER	EFCO	
13	1/1	5882	JAMB COVER	EFCO	
14	6	5882	HORIZ. COVER	EFCO	
15	2	5882	VERT. COVER	EFCO	
16	8	EX06	POCKET FILLER	EFCO	
17	24	5879	SHEAR BLK.	EFCO	
18	4	5878	"F" ANCHOR	EFCO	
19	4	4026	MULLION ANCHOR	EFCO	
20	18	HN16	SETTING BLOCK: DENSE EPDM SHORE A HARDNESS 85 DUR.	CENTRAL PLASTICS	
21	AS REQ'D	WM76	INTERIOR DENSITY #22 PRESET POLYETHYLENE, 1/4"x1/2"	NORTON V2200	
22	AS REQ'D	WM76	EXTERIOR DENSITY #22 PRESET POLYETHYLENE, 1/4"x1/2"	NORTON V2200	
23	AS REQ'D	WV83	ISOLATOR PVC SHORE A HARDNESS 90 DUR.	CENTRAL PLASTICS	
24	10	WNE8	NEOPRENE PLUG SHORE 00 HARDNESS 65-70 DUR.	EPG	
25	30	WNC9	NEOPRENE PLUG SHORE 00 HARDNESS 65-70 DUR.	EPG	
26	80	STV2	#14-10X1/2" HWSMS 18-8 A	ALLOY FASTENERS	
27	150	STV6	#10-12X7/8" HWSMS 18-8 A	ALLOY FASTENERS	
28	90	STK4	#8-18X3/4" PL-FH 410 TEK2	ALLOY FASTENERS	
29	20	STT6	#8-18X9/16" PL-PH ZC TEK2	ALLOY FASTENERS	
30	35		3/8"-6 X 2" LAG BOLT	ALLOY FASTENERS	
31	AS REQ'D	JJC0	BUTYL SEALANT 707	PTI	
32	AS REQ'D	JJC8	#1200 SILICONE	GE	
33	AS REQ'D		#995 STRUCTURAL	DOW CORNING	
34	AS REQ'D	WFR3	CLOSE CELL	DENVER FOAM	
35	AS REQ'D	HS01	POLYSTYRENE SHIM	FALMOUTH PLASTICS	
36	2	STL.	STEEL-10GA., A36	EFCO	
37	24	HCW6	30 PPI BAFFLES	REED	
38	6	SPZ0	#8-15 x 3/4" PH-FH SMS ZC	ALLOY FASTENERS	
39	AS REQ'D	WM75	EXTERIOR DENSITY #22 PRESET POLYETHYLENE, 1/8"x1/2"	NORTON V2200	
40	AS REQ'D	ILK2	3/8" I.D. WASHER	ALLOY FASTENERS	
41	AS REQ'D		#14-14 STN. STL.		
42	AS REQ'D		5/16" I.D. WASHER	ALLOY FASTENERS	
43	28		SLEEVE ANCHOR HX 3/8" X 3"	HILTI	

FRAMING MATERIAL:
ALUMINUM ALLOY 6063-T

PRODUCT RENEWED

ACCEPTANCE No. 00-1201.02

EXPIRATION DATE 1-2-06

By Maureen Perry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

PROJECT: S5600 CURTAIN WALL
 LOCATION:
 ARCHITECT:
 CONTRACTOR:
 CUSTOMER:
 TITLE: HURRICANE TEST-LARGE IMPACT

EFCO CORPORATION
 P.O. BOX 609
 1000 COUNTY ROAD
 MONETT, MD 65708-0609

DATE	
NO	
TO	
DATE	
QTY	
AGENT	
CONTR	
ARCH	

410 M.U.
SHEET NO.: 1 OF 4

