



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

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Mr. Dave Handler
3102 Portofino Point, 0-1
Coconut Creek FL 33066

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

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

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

Your application for Product Approval of:

5/8" Plywood with 0.038" Aluminum Laminate Storm Panel Shutters

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 approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime 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 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.: 00-0411.05

Expires: 10/30/2003

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 Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director

Miami-Dade County
Building Code Compliance Office

Approved: 06/15/2000

1 of 3



Mr. Dave Handler

ACCEPTANCE No. : 00-0411.05

APPROVED : JUN 15 2000

EXPIRES : 10/30/2003

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. SCOPE

This renews the Notice of Acceptance, No. 97-0121.01, which was issued on October 30, 1997. It approves a 5/8" Plywood with an Exterior 0.038" Aluminum Laminate Storm Panels shutter, as described in Section 2 of this Notice of Acceptance, 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

This 5/8" Plywood with an Exterior 0.038" Aluminum Laminate Storm Panels shutter and its components shall be constructed in strict compliance with the following documents: Drawing No. 93-300, titled "Storm Panel", prepared by Chaiban Engineering Consultants, Inc., dated January 2, 1997, sheet 1 of 1, bearing the Miami-Dade County Product Control Approval and Renewal stamps with the Notice of Acceptance numbers and approval dates by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

All permanent set components, included but not limited to embedded anchor bolts, threaded cones, metal shields, headers and sills, must be protected against corrosion, contamination and damage at all times.

4. INSTALLATION

This 5/8" Plywood with an Exterior 0.038" Aluminum Laminate Storm Panels shutter and its components shall be installed in strict compliance with the approved drawings.

5. LABELING

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

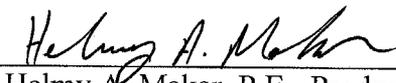
6. BUILDING PERMIT REQUIREMENTS

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 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.



Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division

Mr. Dave Handler

ACCEPTANCE No. : 00-0411.05

APPROVED : JUN 15 2000

EXPIRES : 10/30/2003

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 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 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 times. 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



Helmy A. Makar, P.E.- Product Control Examiner
Product Control Division

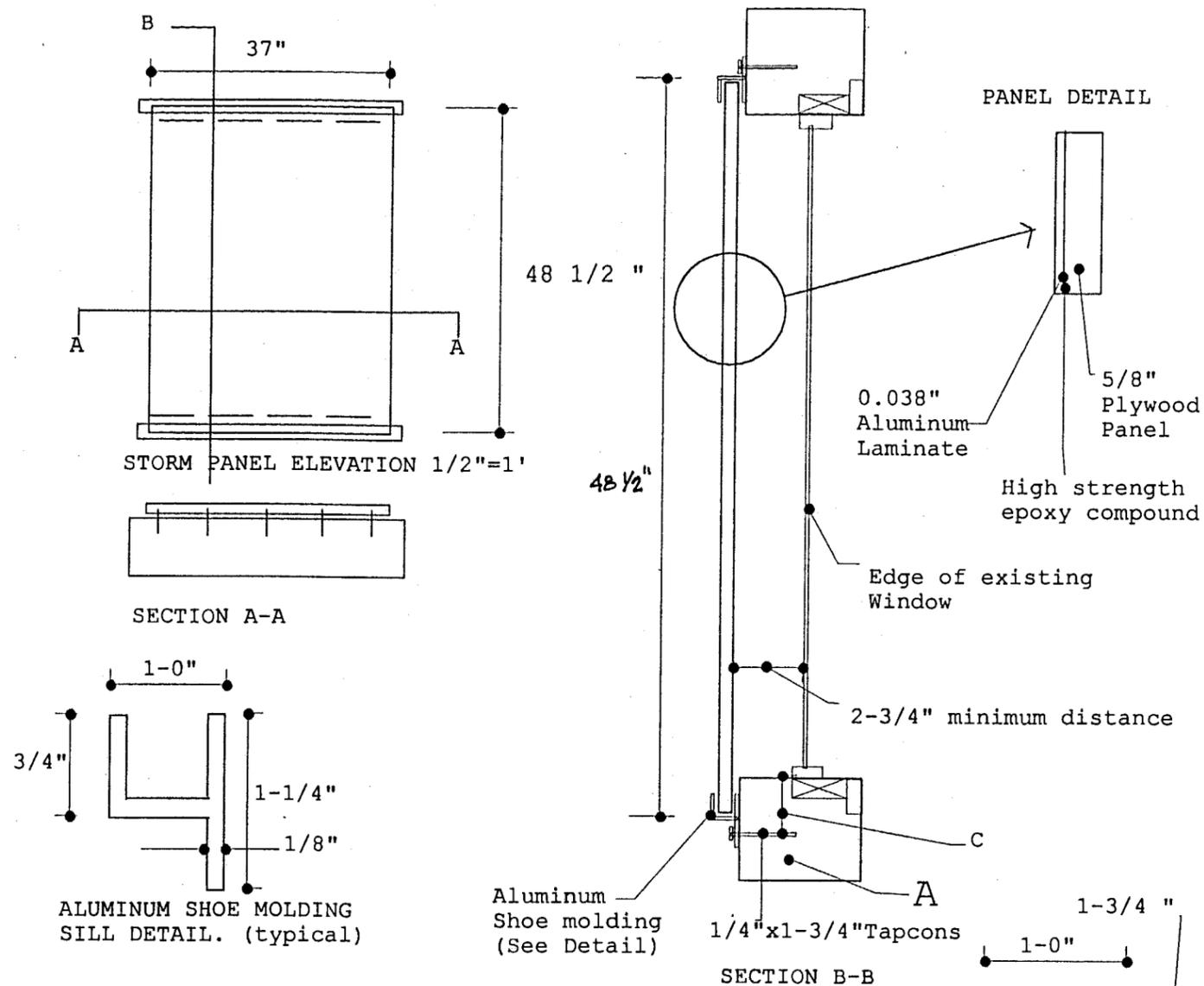


TABLE "A"

A	C	Spacing	REMARKS
Conc.	3"	5 ea. @ 8" c.c.	5Top & 5 Bot.
Block	3"	5 ea. @ 8" c.c.	5Top & 5 Bot
Wood	3"	5 ea. @ 8" c.c.	5Top & 5 Bot

- Design Loads= +50.0, -66.2 PSF.
- Plywood Panel Grade:
Georgia Pacific, APA A-C group 1, 19-32
Exterior exposure
Product Standard PS 1-95 Roseburg Resinte
5/8" Thickness (Douglas Fir)
- Epoxy Manufacturer:
Morton Thiokol, Inc.
Morton Chemical Division
Chicago, Illinois
Adhesive- MOR-AD 366

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE OCTOBER 30 1997
BY Herb A. Mehan
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 97-0121.01

PRODUCT RENEWED

ACCEPTANCE No. 00-0411.05
EXPIRATION DATE October 30, 2003
By Herb A. Mehan
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

[Signature]
9-19-97

GENERAL NOTES:

- Storm panels have been designed in accordance with the Dade County 1994 Edition of the South Florida Building Code. Wind velocity considered is 110 MPH, Importance factor is 1.05 coastal zone. Wind loads determined for exposure "C" for buildings with mean roof height equal or less than 30'-0". Storm Panels adequacy for impact and fatigue resistance has been verified in accordance with sections 2315 & 2314 respectively of the above mentioned code.
- All aluminum extrusions to be 6063-T5 Alloy. All Aluminum sheet metal shall be a minimum thickness of 0.038" and shall have 3105-H14 Alloy.
- All screws to be tapcons 1/4"x1-3/4", manufactured from AIS 1022 steel, heat treated and having an alternate high-low thread form.
- It shall be the responsibility of the permit holder to verify the adequacy of the existing structure to sustain the new superimposed loads.
- Shutter manufacturer label shall be placed on the exposed surface of the storm panel and shall read as follows:

Dave handler
Dade County Product control Approved.
- Minimum embedment of tapcon screws shall be 1-5/8" into concrete, and wood and 1 1/4" in block.
- Anchors shall be installed in accordance with the manufacturers recommendations and specifications.
- The aluminum channels are permanent installations, and the hurricane panels are temporary removable installation.

CEC, Inc. Chaiban Engineering Consultants, Inc. 2787 E. Oakland Park, suite # 211 Ft. Lauderdale, FL Joseph Chaiban, P.E., Florida P.E.# 43239.	STORM PANEL	
	Mr. Dave Handler 3102 Portofino Point, 0-1 Coconut Creek, FL 33066	01/02/1997
		DRWG. NO.1/1 93-300