



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

Allied Plastics Ltd.
707 Arrow Rd.
Weston, Ontario

M9M-2L4

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:

Plastic Domed Skylights with Polycarbonate Glazing

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.: 99-1210.01

Expires: 02/27/2003

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: 03/17/2000



Allied Plastics, Ltd.

ACCEPTANCE NO: 99-1210.01

APPROVED : MAR 17 2000

EXPIRES : 02/27/2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This approves a Double Dome Aluminum Extrusions Skylight 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

The **Allied Plastics Double Dome Aluminum Extrusions Skylight** and its components shall be constructed in strict compliance with the following documents: Drawing No. 0811, titled "APS Skylights", prepared by Herbert S. Saffir, dated 01/07/00, sheet # 3A of 1, with no revisions. It bears 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

All permanent set components must be protected against corrosion, contamination and damage at all times.

4. INSTALLATION

This Double Dome Aluminum Extrusions Skylight must be installed in strict compliance with the approved drawings.

5. LABELING

Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved". The plastic shall be marked according to the requirements of Notice of Acceptance # 97-0403.01

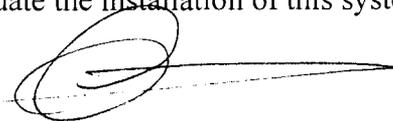
6. BUILDING PERMIT REQUIREMENTS

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 indicated 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.



Candido F. Font P.E. – Senior Product Control Examiner
Product Control Division

Allied Plastics, Ltd.

ACCEPTANCE NO: 99-1210.01

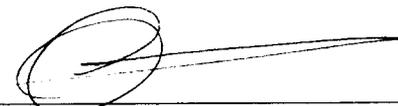
APPROVED : MAR 17 2000

EXPIRES : 02/27/2003

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 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 purpose.
6. The Notice of Acceptance number preceded by the words 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 Acceptance consists of pages 1, 2, and this last page 3.

END OF THIS ACCEPTANCE



Candido F. Font, P.E. – Senior Product Control Examiner
Product Control Division

SKYLIGHT SPECIFICATIONS

Size of unit: 51 3/4" wide by 80 3/8" long (maximum)

Dome thickness: 0.155" and 0.163" at glazing flange

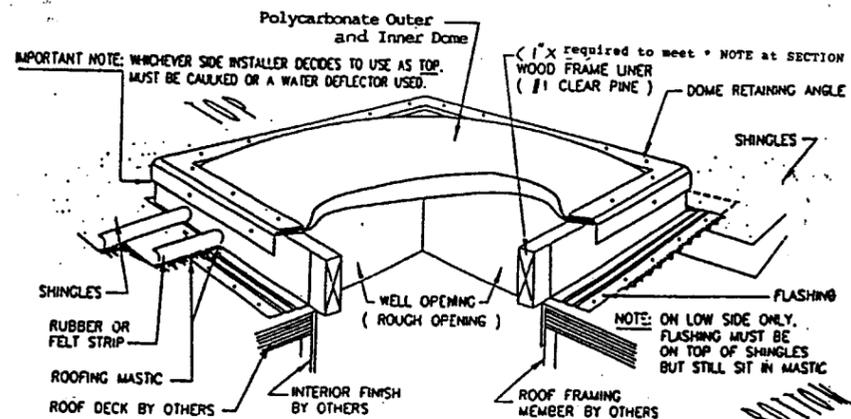
Diffuser thickness: 0.105" and 0.115" at glazing flange

Mounting System: 2 1/2" x 2 3/4" x 0.062" self flashing aluminum angle secured to test buck through 2 3/4" leg with 6 No. 10 by 1" flat head wood screws per long side and 4 per short side.

Dome Retainer: 1.825" x 1.875" x 0.068" extruded aluminum angle secured to main frame through top of angle with 11 No. 8 by 1 3/4" hex head sheet metal screws per long side and 7 per short side. Also 36 - No. 10 by 1 1/4" pan head sheet metal screws, 10 per long side and 8 per short side.

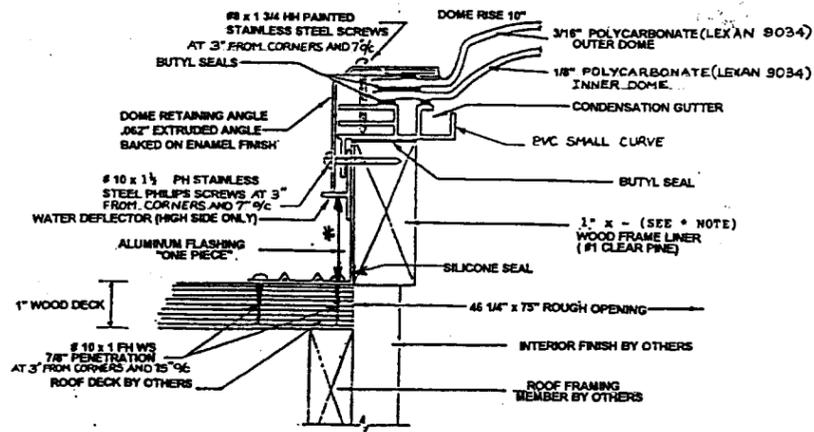
Attachment to roof deck: Units were anchored to a 5/8" plywood deck with No. 10 by 1" wood screws. Screws were placed at 15" on center starting 3" from the end of the mounting flange (Total of 20 screws)

Type of test performed: Structural Load Test, Water Resistance Test, Air Infiltration Test } PD 201, 202 & 203



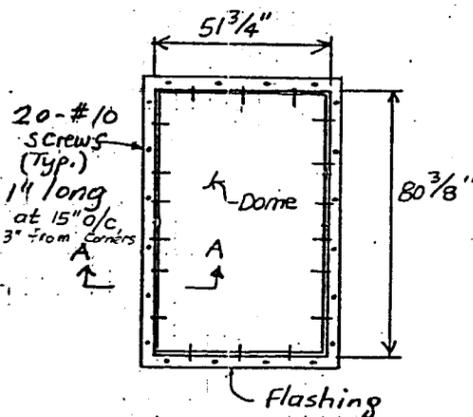
All roofing details shall comply with Chapter 34 of the South Florida Building Code

ISOMETRIC VIEW



SECTION

* NOTE
4" minimum distance from angle lip to roof surface for shingle or built-up roof without insulation. For insulation and tile add the tile height and the insulation thickness to 4" minimum



PLAN

GENERAL NOTES

- Self flashing Plastic Dome Skylight shall conform to the requirements of the South Florida Building Code and to ASCE 7-93 (88) for wind loads as specified in the South Florida Building Code for lower elevations.
- Design Loads:
Design Pressure Rating: +30 psf or -50 psf.
Impact resistant
- Material:
Outer dome: 3/16 Polycarbonate GE LEXAN 9034 SHEFD
Inner dome: 1/8 Polycarbonate GE LEXAN 9030 SHEFD
- All aluminum shall be 6063 - T5 Alloy
Extruded by CAN, AOT Aluminum Extrusion, Inc.
Aluminum flashing DIE No. ES 7915
Dome retaining Angle Die No. 7982
- PVC shall curve DIE No. 2539
Extruded by Extrusion Plastic Inc.
- No water draining holes
- Model DSF 5280, Maximum dimensions: 52" x 80"

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE March 17, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-1210-01

Allen Ruffin
2/2/2000

DRAWING NUMBER 0811	
APS SKYLIGHTS	
ALLIED PLASTICS	
WESTON, ONTARIO	
HERBERT S. SAFFIR CONSULTING ENGINEERS 350 SEVILLA AVENUE CORAL GABLES, FLORIDA	SHEET 3A DATE: 1/7/00 FILE: A