



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Royal Mouldings Limited
135 Bear Creek Road
Marion VA, 24354

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Royal Extruded PVC Mouldings

APPROVAL DOCUMENT: Drawing No. S-4109, titled "Royal Mouldings Extruded PVC illustrative representations", sheet 1 of 1, dated 01/08/2013, prepared by R.W. Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each carton and extrusion shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", or MDCPCA, unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA 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 NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 08-0422.07 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Handwritten Signature]
03/21/2013

NOA No. 13-0114.05
Expiration Date: April 3, 2018
Approval Date: March 28, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **S-4109**, titled "Royal Mouldings Extruded PVC illustrative representations", sheet 1 of 1, dated 01/08/2013, prepared by R.W. Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E.

B. TESTS

	Test report	Standard	Date	Signature
1.	TEL 02900530-B	ASTM D1929	11/30/12	William B. Shelton, P.E.
2.	TEL 02900530-C	ASTM D2843	11/30/12	William B. Shelton, P.E.
3.	TEL 02900530-A	ASTM D635	11/30/12	William B. Shelton, P.E.
4.	TEL 02900529-B	ASTM D1929	11/30/12	William B. Shelton, P.E.
5.	TEL 02900529-C	ASTM D2843	11/30/12	William B. Shelton, P.E.
6.	TEL 02900529-A	ASTM D635	11/30/12	William B. Shelton, P.E.
7.	TEL 02900531-B	ASTM D1929	11/30/12	William B. Shelton, P.E.
8.	TEL 02900531-C	ASTM D2843	11/30/12	William B. Shelton, P.E.
9.	TEL 02900531-A	ASTM D635	11/30/12	William B. Shelton, P.E.

"Submitted under NOA # 02-0408.05"

1. Test report on Smoke Density per ASTM D2843, Rate of Burning per ASTM D 635, Self Ignition Temperature per ASTM D 1929 and Flexural Strength before and after Xenon Arch exposure per ASTM D790 of Cap C-1028 PVC, Core-Fill 1428A PVC & P64-020 PVC, prepared by ETC Laboratories Inc., Report # **ETC 00-707-10076.1**, dated 10/03/2001, signed and sealed by Joseph L. Doldan, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC and no financial interest issued by R. W. Building Consultants, Inc., dated 01/09/2013, signed and sealed by Lyndon F. Schmidt, P.E.



03/21/2013

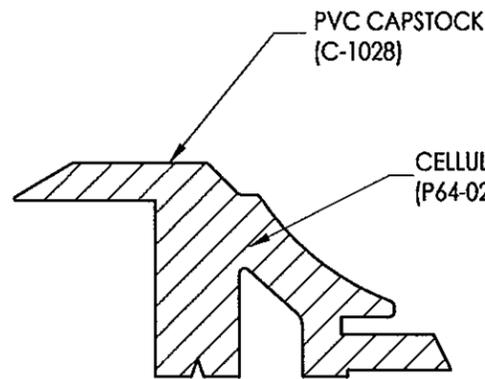
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 13-0114.05

Expiration Date: April 3, 2018
Approval Date: March 28, 2013

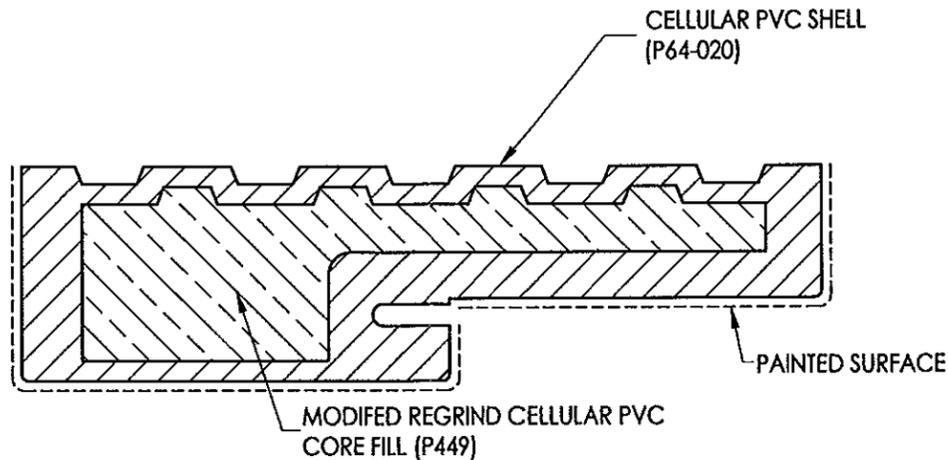


Royal Mouldings

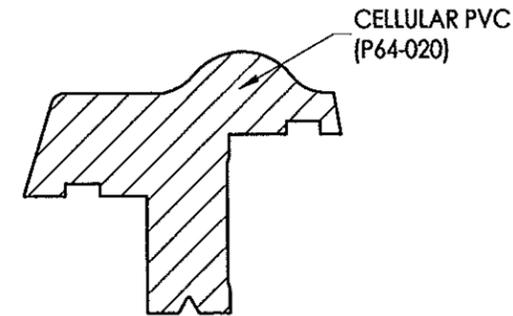
P.O. Box 610
Marion, VA 24354
Ph. 276.783.8161



CAP C-1028 PVC
Rigid PVC cap stock over PVC



CORE-FILL 1428A PVC
Paint over PVC substrate with PVC regrind core.



P64-020 PVC
Raw (unpainted) PVC

MATERIAL PROPERTIES				
DESCRIPTION	TEST	CAP C-1028 PVC	CORE-FILL 1428A PVC	P64-020 PVC
SELF-IGNITION TEMP.	ASTM D 1929	790 °F > 650 °F	799 °F > 650 °F	801 °F > 650 °F
SMOKE DENSITY RATING	ASTM D 2843	19% < 75%	37% < 75%	22% < 75%
RATE OF BURNING	ASTM D 635	< 1.0 in./min. (Class C-1)	< 1.0 in./min. (Class C-1)	< 1.0 in./min. (Class C-1)
FLEXURAL STRENGTH	ASTM D 790	Before = 2783 psi After* = 2583 psi	Before = 3263 psi After* = 3604 psi	Before = 3366 psi After* = 3058 psi

* Strength test after weathering, per Section 2612.2 of the 2010 FBC.

GENERAL NOTES

- PVC Components manufactured by Royal Mouldings Limited are in compliance with the 2010 Florida Building Code (FBC) plastic requirements including the High Velocity Hurricane Zone (HVHZ).
- This approval does not include an evaluation of the structural performance of this component. Test reports and all required documents must be submitted showing the system using this component will resist loads according to Chapter 16 of the 2010 FBC.
- The extrusions represented here are for illustrative purposes only and are not inclusive of all products available.

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico, FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate of Authorization No. 9813
1-7-13
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: Royal Mouldings Extruded PVC
PART OR ASSEMBLY: Illustrative representations

NO.	DATE	BY	REVISIONS

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 13-0114.05
Expiration Date 04/03/2018
By: *[Signature]*
Miami Trade Product Control

DATE: 1/8/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: S-4109
SHEET 1 OF 1