



**MIAMI-DADE COUNTY**  
BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcod](http://www.miamidade.gov/buildingcod)

**Enduris, LLC**  
7167 Old Kings Road  
Jacksonville, FL 32219

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: PVC Privacy Fence Panels**

**APPROVAL DOCUMENT:** Drawing No. S-4083, titled " PVC Privacy Fence ", dated June 04, 2009, last revision #1 dated February 02, 2010, sheets 1 through 4 of 4, signed and sealed by Ryan J. King, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: None**

**LABELING:** Each fence 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", 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 consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
03/03/2010

NOA No. 09-0728.04  
Expiration Date: 03/03/2015  
Approval Date: 03/03/2010

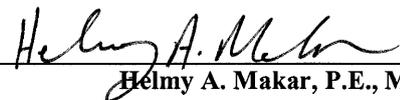
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Drawing No. S-4083, titled "PVC Privacy Fence", dated June 04, 2009, last revision #1 dated February 02, 2010, sheets 1 through 4 of 4, signed and sealed by Ryan J. King, P.E.

**B. TESTS**

1. Test Report # 07-01150166, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **white PVC**, per ASTM G155, signed and sealed by Wendell W. Haney, P.E.
2. Test Report # 07-01150169, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **white PVC**, per ASTM D635, signed and sealed by Wendell W. Haney, P.E.
3. Test Report # 07-01150160, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **white PVC**, per ASTM D2843, signed and sealed by Wendell W. Haney, P.E.
4. Test Report # 07-01150163, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **white PVC**, per ASTM D1929, signed and sealed by Wendell W. Haney, P.E.
5. Test Report # 07-01150167, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **Khaki PVC**, per ASTM G155, signed and sealed by Wendell W. Haney, P.E.
6. Test Report # 07-01150170, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **Khaki PVC**, per ASTM D635, signed and sealed by Wendell W. Haney, P.E.
7. Test Report # 07-01150161, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **Khaki PVC**, per ASTM D2843, signed and sealed by Wendell W. Haney, P.E.
8. Test Report # 07-01150164, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **Khaki PVC**, per ASTM D1929, signed and sealed by Wendell W. Haney, P.E.
9. Test Report # 07-01150168, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **AmeriChem Khaki PVC**, per ASTM G155, signed and sealed by Wendell W. Haney, P.E.
10. Test Report # 07-01150171, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **AmeriChem Khaki PVC**, per ASTM D635, signed and sealed by Wendell W. Haney, P.E.
11. Test Report # 07-01150162, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **AmeriChem Khaki PVC**, per ASTM D2843, signed and sealed by Wendell W. Haney, P.E.
12. Test Report # 07-01150165, dated 06/22/2007, issued by Testing Evaluation Lab., Inc., for **AmeriChem Khaki PVC**, per ASTM D1929, signed and sealed by Wendell W. Haney, P.E.
13. Test Report # 01150128, dated 06/05/2009, issued by Testing Evaluation Lab., Inc., for **PVC Fence**, per Gravity Load Test, signed and sealed by Lyndon F. Schmidt, P.E.



Helmy A. Makar, P.E., M.S.  
Senior Product Control Examiner

NOA No. 09-0728.04

Expiration Date: 03/03/2015

Approval Date: 03/03/2010

**Enduris, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

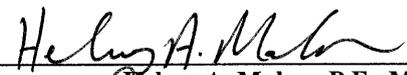
1. *Fence and Post Analysis, dated February 03, 2010, one sheet, signed and sealed by Ryan J. King, P.E.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*



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Helmy A. Makar, P.E., M.S.  
Senior Product Control Examiner  
NOA No. 09-0728.04

Expiration Date: 03/03/2015  
Approval Date: 03/03/2010



# ENDURIS EXTRUSIONS

7167 OLD KINGS ROAD  
JACKSONVILLE, FLORIDA 32219

## PVC PRIVACY FENCE

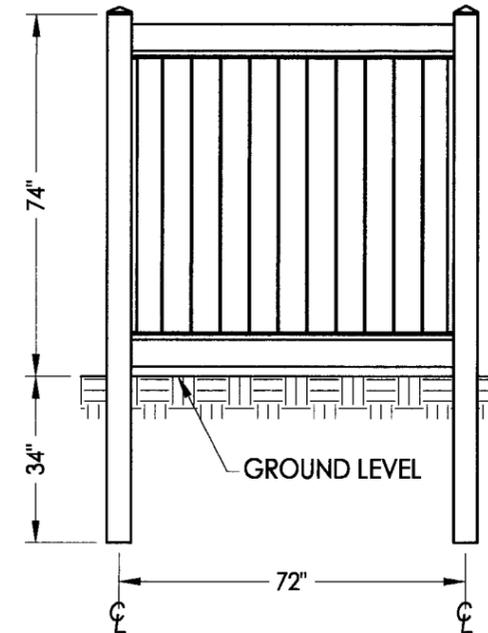
### GENERAL NOTES

1. This product is designed to comply with the "HVHZ" Florida Building Code.
2. For wind load rating see chart this sheet.
3. Installation of this fence shall be based on this product approval documents with no deviation from the conditions detailed on this document.
4. This Product Approval Document (P.A.D.) will be considered invalid if modified.
5. Site specific projects shall be prepared by a Florida Licensed Engineer or Architect which will become the Professional Of Record (P.O.R.) for the project and who will be responsible for the proper use of this P.A.D.
6. This fence manufacture's permanent label shall be placed at each fence assembly. The permanent label shall read as follows:  
Enduris, LLC  
Jacksonville, FL  
Miami - Dade County  
Product Control Approved
7. Tested in accordance with Metro-Dade county performance test requirements as reported in test report # TEL 01150128 issued by Testing Evaluation Laboratory.
8. The fence post, rails and pickets are a coextruded part with a min. 0.020" (+/- .005") cap stock which contains "UV" inhibitors. All parts shall be made of PVC that is manufactured by Enduris Extrusions. Refer to PVC material specifications for tested properties.

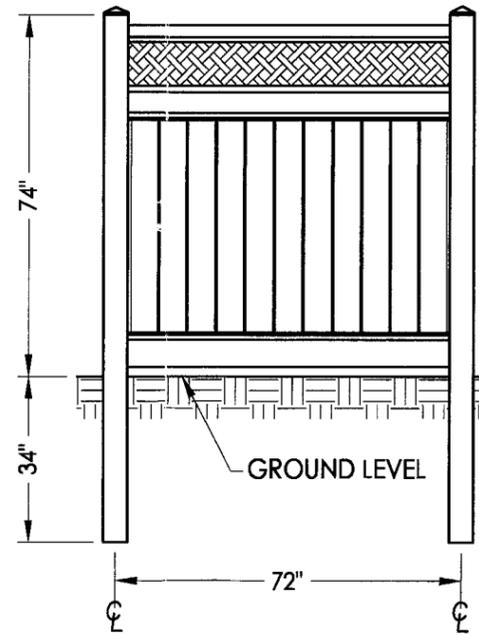
### WIND LOAD RATING

This fence and it's vertical supports are designed/tested for 75 mph fastest mile wind speed or 90 mph 3-second gust in compliance with section 1612.2.1 of the Florida Building Code (design pressure = 15.0 psf).

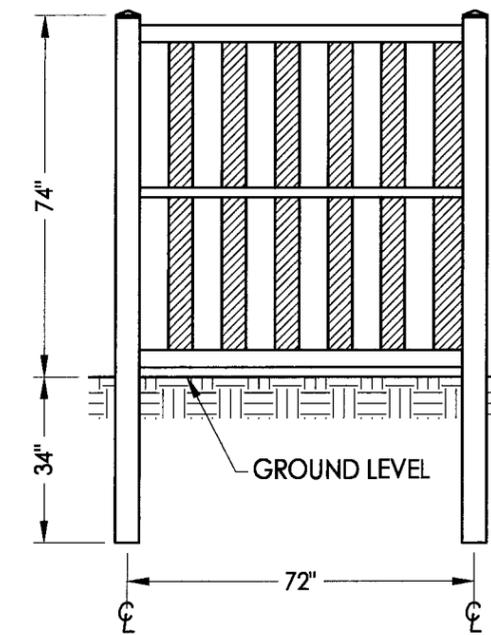
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation & general notes
2	Slotted rail fence details
3	Slotted rail w/ lattice fence details
4	Shadow box fence details



**SLOTTED RAIL FENCE**  
(SEE SHEET 2 OF 4)



**SLOTTED RAIL W/ LATTICE FENCE**  
(SEE SHEET 3 OF 4)



**SHADOW BOX FENCE**  
(SEE SHEET 4 OF 4)

Approved as complying with the Florida Building Code  
Date 03/03/2010  
NOA# 09-0728.04  
Miami Dade Product Control  
Division  
By *Heather H. Walker*

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  
*Ryan J. King* 2-3-10  
Ryan J. King P.E. No. 64619

PRODUCT:	PVC PRIVACY FENCE
PART OR ASSEMBLY:	TYPICAL ELEVATIONS & GENERAL NOTES

NO.	DATE	REVISED PER	DADE COMMENTS	BY
1	2/02/10			LFS

DATE: 6/4/09  
SCALE: N.T.S.  
DWG. BY: AL  
CHK. BY: RJK  
DRAWING NO.: S-4083  
SHEET 1 OF 4

PVC Material Specifications	Test	PVC Properties		
		White	Khaki	Americhem Khaki
Rate of Burning	ASTM D635	Class C-1	Class C-1	Class C-1
Self-Igintion Temperature (Spontaneous)	ASTM D1929	806°F > 650°F	788°F > 650°F	788°F > 650°F
Average Smoke Density Rating	ASTM D2843	71.2% < 75%	52.8% < 75%	42.2% < 75%
Tensile Strength (Difference Exposed & Unexposed)	ASTM 638	-1.4% < 10%	-1.4% < 10%	-2.5% < 10%

R:\A - Projects\Project Folders\proj\_1401-1500\PE 1480\DWG\_R\WBC Drawings\4083\S-4083.dwg, S-4083

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